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CST1, 2, 4 GGH IGFBP7 ICFBP7 ICFBP7 ICM IUM IUM IUM IMMP12 TIMP1 AGAN1 SFRP2 SFRP2	GCCAGTGGAATGATGTCCC	2 TCTTGGCATTTTCTACAACAGGG	_	AGGAACAGTTGCTTGCGGCCAGC	46
GGH GH	AGTCCCAGCCCAACTTGGA	3 GGGAACTTCGTAGATCTGGAAAGA	25 AGCCAG	AGCCAGAACTGCAGAAGAAACAGTTGTGC	6
ding protein 7 reolycan 1(leprecan 1) reolycan 1(leprecan 1) reolase	GTGGCAATGCCGCTGAA	4 'TGACAGCAACACTCAGTAGGAAAA	_	TTCACTGGAGGTCAATTGCACAGCAGAAT	8
eeglycan I(leprecan 1) Classe	CAGGTCAGCAAGGGCACC	5 TCACAGCTCAAGTACACCTGGG	_	AGCAAGGTCCTTCCATAGTGACGCCC	6
eeglycan I (leprecan 1) Olase	ACAACATGATATGTGCTGGACTGG	6 IGAGAGGATGCCTTGGAGGGT		CTTGCCAGAGTGACTCTGGAGGCCC	8
eddycar Allebrach Allebrac	CTTGAGTACAACGCTGACCTCTTC	7 cegreacacagneticectracag		CCATCACAGATCATTACATCCAGGTCCTCA	5
ories Ories Pin Pin Pin Pin Pin Pin Pin Pin Pin Pin			_	TAAGGATTCAAACCATTTGCCAAAAATGAGTCTAA	:
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rolase	ASST CHARGE ASST	9 CCCTGATCGCCGAGTTG		CGTAATICTICIGGATGTCTCCTTCACATTCTG	23
rolase lein 2	GCCTCTCTGCTGATGACATACGT		32 TCAGTC	TCAGTCCCTGTATGGAGACCCCAAAGAGAAA	2
		Ţ-``:		CAACATE SOLUTION ASSOCIATION A	£
	ICCAGACCACCITATACCAGCG	١	T	TOTAL CONTROL OF THE	1
	ICGCAGAACGCCTGCAAA	-[_	ALCO COLONO COLO	10
	CGCTAGCAGCGACCACCT	13 TTTGCAGGCTTCACATACCTTT	-1	CIGCCAGCCACCAGGAAGCIC	۱
secreted emtein, addic, cysteine nch	ITCTTCCCIGTACACTGGCAGTTC	Ī	36 TGGAC	IGGACCAGCACCAI IGACGG	R
	TCGGGAGGCCGTTAGTAA	15 AAGGAGATTCCAGCTGTCACTTTC	_	AGIGITAATICCAATCACTICACCUSTCAGG	ĥ
		TACOTTOCATACATACATACATACAT	%	AGGCCCAAGACCGGCTACATCAGAGTC	8
thrombospondin 2	166AAGGACIACAGGCCIAIAG	ľ	2	TETEGCAGATTCCGATGCCCCACAA	150
thyroglobulin	GACGGIICCICGCAGIICAA		T٦	Cracecraceaecracecress	62
human cell growth regulator with EF hand domain 1 CGR11	בופככבאכככווככא	1			
ARADONA & COOLING CONTRACTOR OF CONTRACTOR O	TCCACGCATTTCCAGGATAA	19 AAGCCGAATTTGCTAGTTGCA	. 41 TGACTC	TGACTCCAGGCCCGCAATGGA	8
T	-	20 TCTGCAAGTTCATCCCCTCTTT		CAGCCTCCAGCCAACAGACCTCAGG	8
subdisin/kexin type 5	AAAATCTTTGCCGGAAATGC	21 IAGTCCTGGCCGTTGAAATACC	┰	ACAGAATGTAGGGATGGGTTAAGCCTGCA	65
1	TTGATGGCATCGCTCAGATC	22 TETCACGTGGCGTCACAGT	44 TTCAAG	TTCAAGGACCGGTTCATTTGGCG	8
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human serine or cysteine proteinese initiator dage m Sekrivin HS00377849, m1	1				
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name symb symb symb symb symb symb symb sport (irr dass 1) ASPN CPN2		NCBI	NCBI				_		Wilcoxon
name adlican asport (irr class 1)		ative offer	MRNA ref	orotein ref		change	original r-	ed p	
adilcan asporin (irr dass 1)	1	\$ 5 P #	Sequence	seauence	fold change	rank			test
adilcan asporin (irr dass 1)	Dalli S	C-0531	NM 015419	NP 056234	1.8	-17818	1.0E-28	3.045-24	0.00+00
asporin (Irr class 1)		4.07770	ı	NP 060150	2.6	-22292	6.4E-23	1.95-18	İ
N esemplase N	ASPIN	A:0//45		P22792	2.7	-22367.5	2.3E-42	7.0E-38	1
	CPNZ	D:+322	NAME OF SECO	-	3.0	-21188.5	4.33E-42	1.3E-37	0.0E+00
cell growth regulatory factor with EF-hand domain	CGR11	A:07876	100000 WN	_	23	-21606.5	2,23E-33	6.65E-29	0.00E+00
chandraith sulfate proteoglycan 2 (versican)	CSPG2	A:10008	NM UU4385			-17475	1.35-18	3.8E-14	0.05+00
Catalla CN	CST1	A:06089	NM 001898	NP 001889	21.7	17475	1.3E-18		0.05+00
Cystati Six	CST2	A:06089	NM 001322		7,7	3676	1 25-18	İ	
Cystatin SA	CST4	A:06089	NM_001899	_	7.7	174/3	1.36-10		
Cystatin S	EFEMP2	A:09072	NM 016938	NP_058634	2.4	10/77-	CC-30.7	L	
משרבווחומו ווומחוץ אומהוו	חסט	A-03601	NM 003878	NP_003869	1.6	-18092	1.05-07	Ì	l
gamma-glutamyi hydrolase	TALIA	A-02189	NM 002192		2.1	-21247	1.4E-30		0.00+00
Inhibin beta A chain	PAGENT	202204	NM 001553		3.0	-25854	5.4E-31	.	
insulin-like growth factor binding protein 7	IGFBP/	A:03383	SCCTOO MIN		23	-17986.5	5.0E-10		
kallikrein 10	KUK10	A:0/90/	NM 002770		1.7	-18019	8.2E-14		
leucine proline-enriched proteoglycan 1(leprecan 1)	LEPRET	A:04646	NM 022350	_	3.0	74927	4.2E-24	1.3E-19	0.0E+00
limican	MUI	A:09199	NM 002345	_	2.2	1,6004 ₹	5.9E-10		7.9E-10
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lysyl Oxidase-like 2	MMP2	iA:06749	NM_004530	_	1.8	18/10	7,75,17		
mathx metalloproteillase 4	MMP12	A:01762	NM 002426		2.1	-20209.5	21.277		
matrix metalloproteinase 12	TIMD1	A-08048	NM 003254		3.2	-24177	7.55-38	_	١
metalloproteinase inhibitor 1	VEAL 1	A-10030	NM 004315	NP 004306	1.7	-19636.5	9.6E-16	Ì	0.05+00
n-acylsphingosine amidohydrolase	ASAUL CLEAT	A.10050	NM 014279		3.9	-25782.5	6.5E-46		
olfactomedin	1000	A.0044	NM 000582		7.0	-26668	4.0E-32		
osteopontin	1465	A:0944	PICE OF MIN		1.7	-18736	2.0E-11		7.3E-11
human proprotein convertase subtilisin/kexin type 5	PCSKS	A:00/04	COSCEO MIN	_	90	-23212	7.92E-39	7	9
group xiii secreted phospholipase a2	PLA2G12b	8:1811	WAY 050535	_	2.1	-19217	2.7E-10	8.1E-06	
secreted frizzled-related protein 2	SFRP2	B:1034	AIM 050023	_	200	-22153	6.0E-24		
	SFRP4	A:07398	NM 003014		0	-20252	2.8E-34		
serine (or cysteine) proteinase inhibitor clade H	SERPINH1	A:08615	MM 001233		1	-17026	4.6E-06	L	
human serine or cysteine proteinase inhibitor clade B	SERPINBS	A:10485	NM 002039	P30932	91	-17184.5	9.3E-18		0.0E+00
serine protease 11 (IGF binding)	PRSS11	B:1274	NM 002//3		3.5	-22947.5	1.5E-44		0.05+00
secreted protein, acidic, cysteine rich	SPARC	A:08092	NM OUSTIO	2 2	24	-20390.5	2.9E-31		
spondin 2	SPONZ	B:2543	C++7TO WN	ND 002700		-20162.5	3.25E-24		٥
standin	SNN	A:09316	NM 003498	NP 003409	2,6	-22095	5.8E-29	L	
Phrombospondin 2	THBS2	B:9017	NM 003247		200	809CC-		4.15-41	0.0E+00
thombospondin repeat containing 1	TSRC1	B:7686	NM 01903Z		2,5	-23644	İ		0.0E+00
thursdiphillin	1 6	B:5402	NM_003235	_	1,1	20226	1 065-24		0.05+00
transforming growth factor 0-induced	TGFBI	A:08124	NM 000358		5:7	A1071	2 30F-18	L	
transforming growth factor 81	TGFB1	A:07050	NM_000660		91	177/1-	7 32E-44		L
hashing grown factor ink protein 4	HAPLN4	C:6300	NM 023002	NP_075378	3.4	C.01062-	1.346.1		
			ļ	Figure 2					

symbol fold change Symbol fold change ASPN 12 (versican) CSPG2 6 CST1, 2, 4 525 CST1, 2, 4 525 INHBA 34 INHBA 34 INHBA 34 INHBA 5 Can 1(leprecan 1) LEPRE1 4 LOXL2 6 LOXL2 6 MMP12 9 TIMP1 8 TIMP1 8 ASAH1 3 SPP1 40	Maximum % T > 95th T:N fold percentile change w1 Change w1 S 24 24 24 25532 1 3 15 4 357 4 357 4 19 5 633 5 633 5 633	74 100 100 100 100 100 100 100 100 100 10
ASPN 12 ASPN 12 CSPG2 6 (Versican) CSPG2 6 CST1, 2, 4 525 CST1, 2, 4 525 GGH 3 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34 INHBA 34	5 37 5 1 5 2532 1 5 25532 1 5 357 1 4 357 1 6 633 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	30 50 8 7 8 0 8 1 H
ASPN (versican) CSPG2 CST1, 2, 4 CST1, 2, 4 CST1, 2, 4 INHBA INHBA INHBA INHBA INHBA INHBA INHBA INHBA INHBA INHBA INHBA INHBA INHBA INHBA INHBA INHBA INHBA INHBA INHBA INHBA INMPI INMPI ASAHI SPP1	73 24 25532 15 36 357 357 633 633 47 747	30500876081
(versican) CSPG2 CST1, 2, 4 CST1, 2, 4 Iular matrix protein 2 EFEMP2 GGH INHBA INHBA INHBA INHBA IGFBP7 KLK10 KLK10 Can 1(leprecan 1) LEPRE1 LOXI2 MMP12 MMP12 ASAH1 SPP1 SPP1	24 25532 15 36 357 357 633 633 47 726	3070087608
CST1, 2, 4 Iular matrix protein 2	25532 1 15 36 357 357 633 633 17 47 586	30200876
lular matrix protein 2 EFEMP2 GGH GGH INHBA INHBA Protein 7 IGFBP7 Statio KLK10 Can 1(leprecan 1) LEPRE1 LOM LOXL2 MMP12 MMP12 TIMP1 ASAH1 SPP1 SPP1	35 357 357 633 47 47	30700876
GGH INHBA INHBA INHBA INHBA INHBA IGFBP7 KLK10 KLK10 LUM LUM LOXL2 MMP12 MMP12 TIMP1 ASAH1 SPP1	357 19 633 17 47 586	3 0 0 0 8 7
INHBA INHBA IGFBP7 IGFBP7 KLK10 KLK10 LUM LUM LOXL2 MMP12 MMP12 TIMP1 ASAH1 SPP1	357 633 17 47 26	307008
Stotein 7 IGFBP7 Can 1(leprecan 1) LEPRE1 LUM LOXL2 MMP12 TIMP1 ASAH1 SPP1	633 17 47 586	30200
KLK10 can 1(leprecan 1) LEPRE1 LUM LOXL2 MMP12 TIMP1 ASAH1 SPP1 SPP1 SPP1	633 17 47 26	3 0 0
can 1(leprecan 1) LEPRE1 LUM LOXL2 MMP12 TIMP1 ASAH1 SPP1	17 47 26 586	302
LUM LOXL2 MMP12 TIMP1 ASAH1 SPP1	26	30
LOXL2 MMP12 TIMP1 ASAH1 SPP1	26	3
MMP12 TIMP1 ASAH1 SPP1	700	
TIMP1 ASAH1 SPP1	OOC	67
ASAH1 SPP1	19	91
SPP1	7	63
	481	96
secreted frizzled-related protein 2		63
secreted frizzled-related protein 4 SFRP4 56	009	100
ich	56	93
	25	54
	239	91
thyrodiobulin	153	54
transforming growth factor B-induced TGFBI	7 204	82
1 parcentage of timors with expression levels greater than the 95th percentile of non-malignant samples	nalignant samples.	

Figure 3

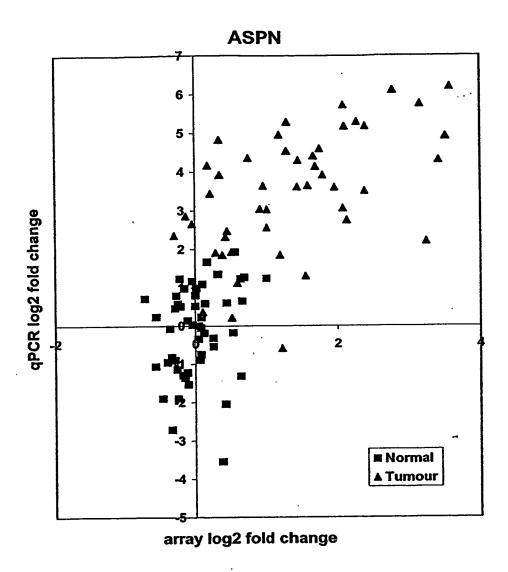


Figure 4(a)

WO 2005/010213 PCT/US2004/022959

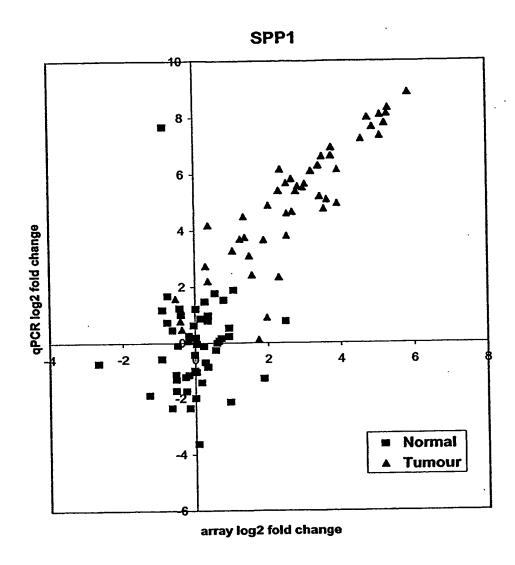


Figure 4(b)



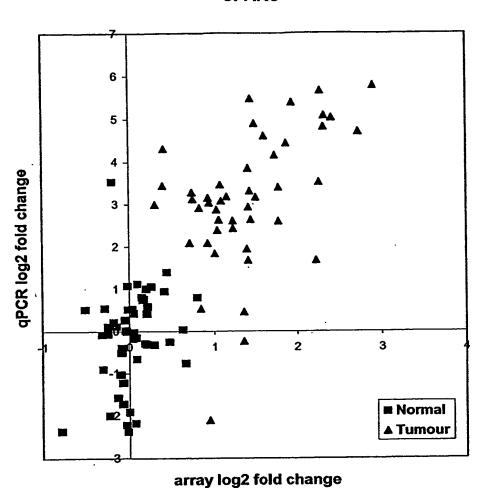


Figure 4(c)



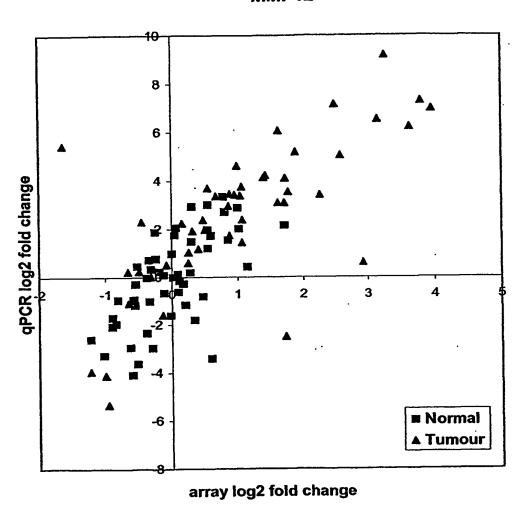


Figure 4(d)



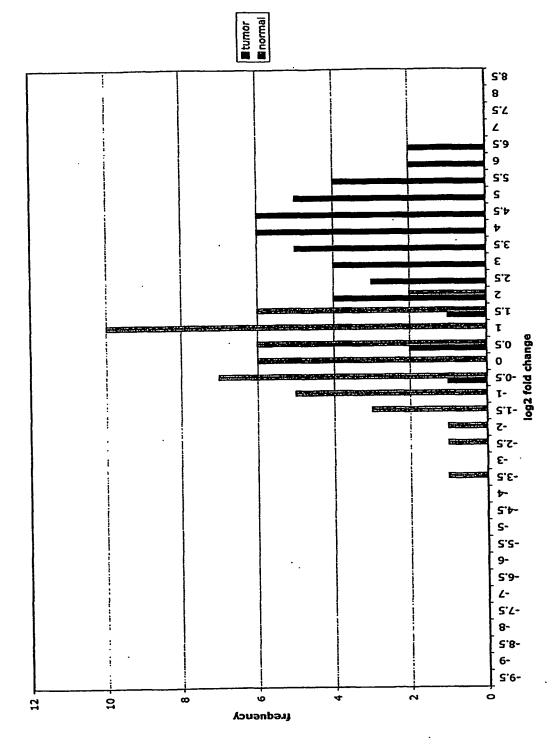


Figure 5(a)

CST1,2 &4-tumor:median normal log2 fold change

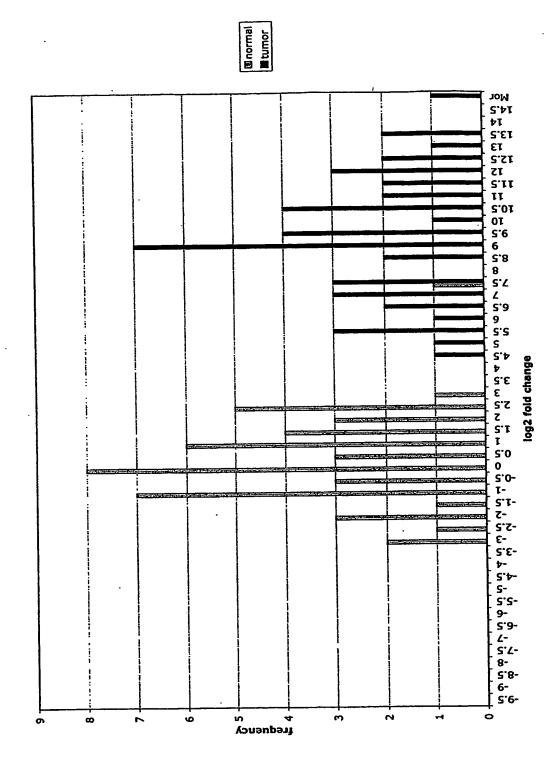


Figure 5(b)

CSPG2-tumor:median normal log2 fold change

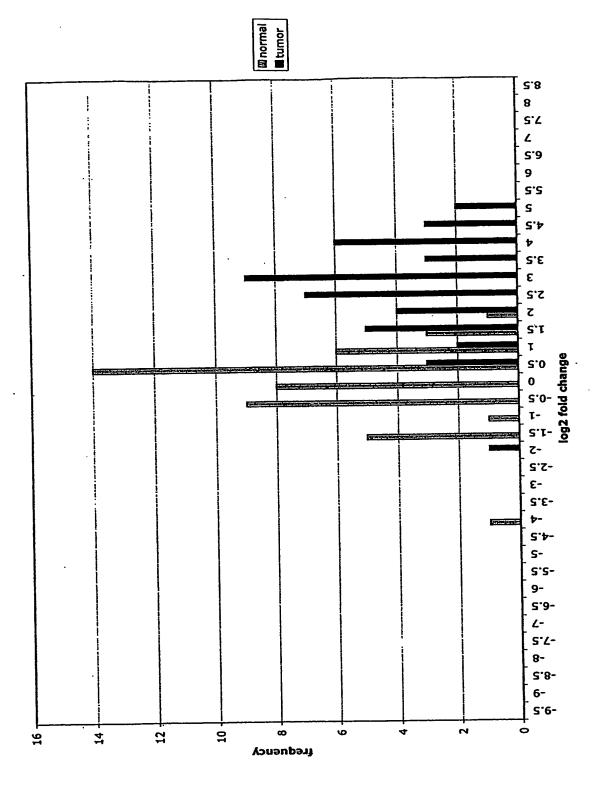


Figure 5(c)



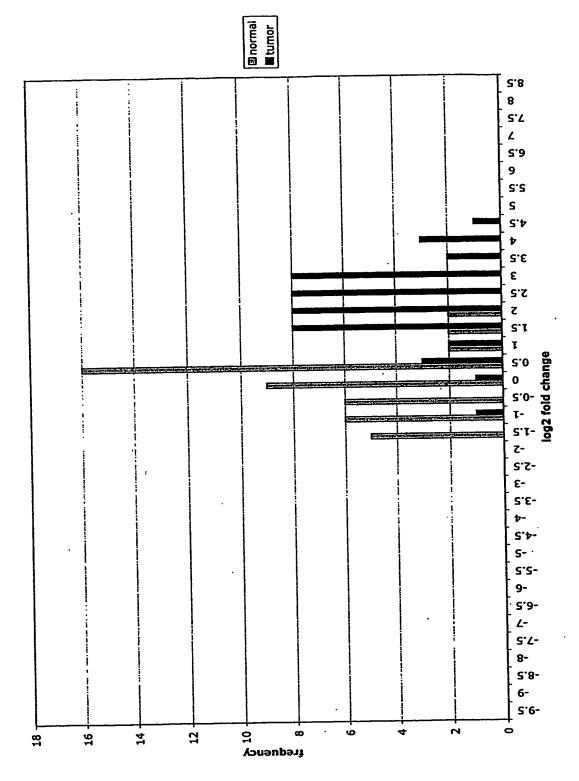


Figure 5(d)

INHBA-tumor: median normal log 2 fold change

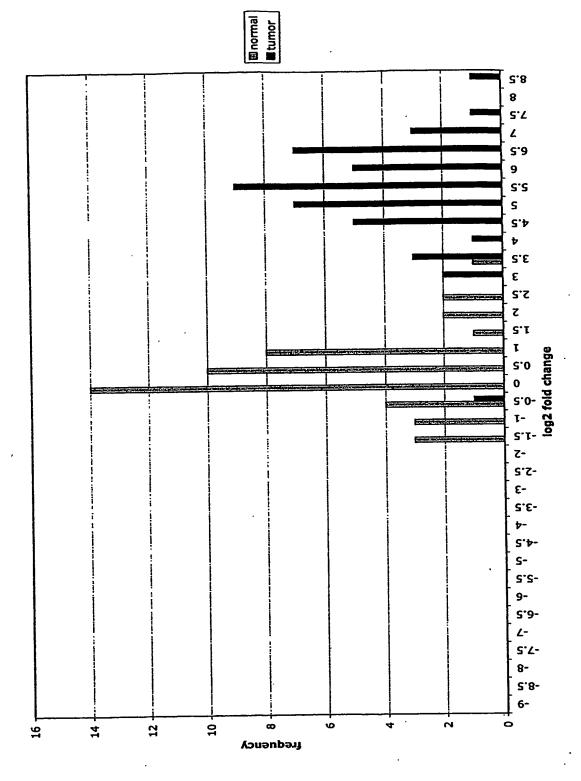


Figure 5(e)

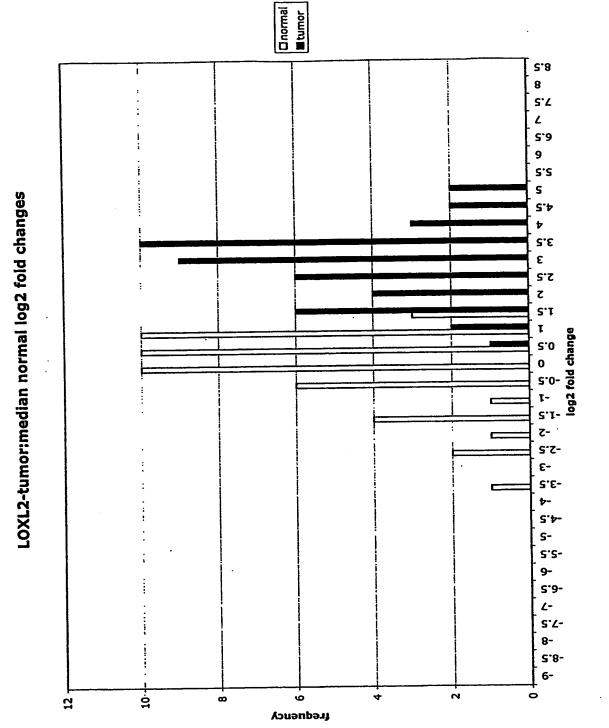


Figure 5(f)

lumican-Tumor:median normal log2 fold changes

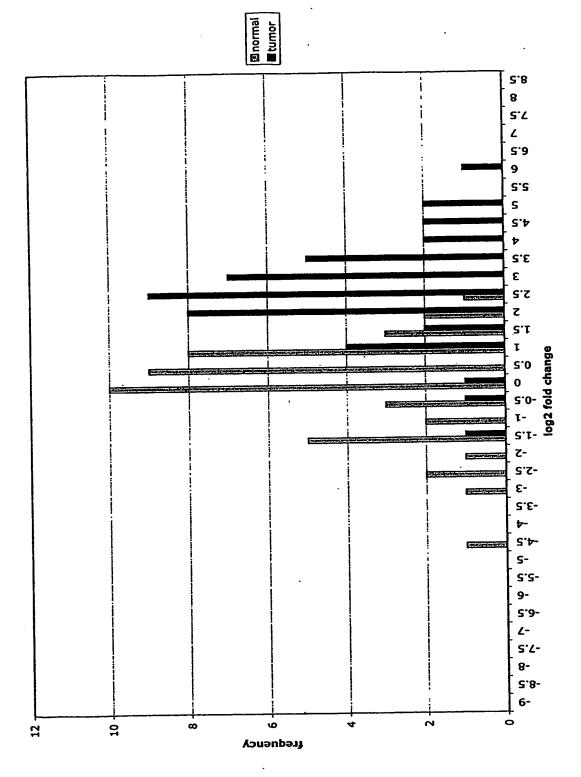


Figure 5(g)

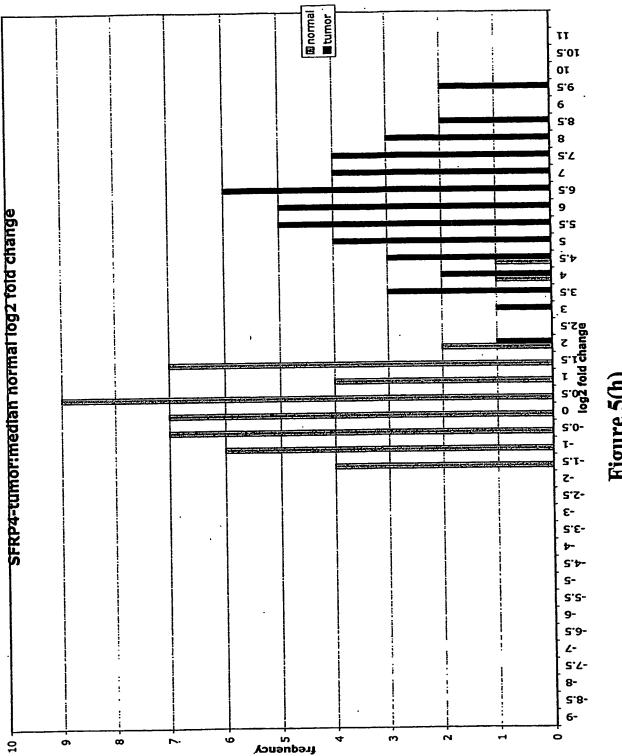


Figure 5(n)

SPARC-tumor:median normal log2 fold changes

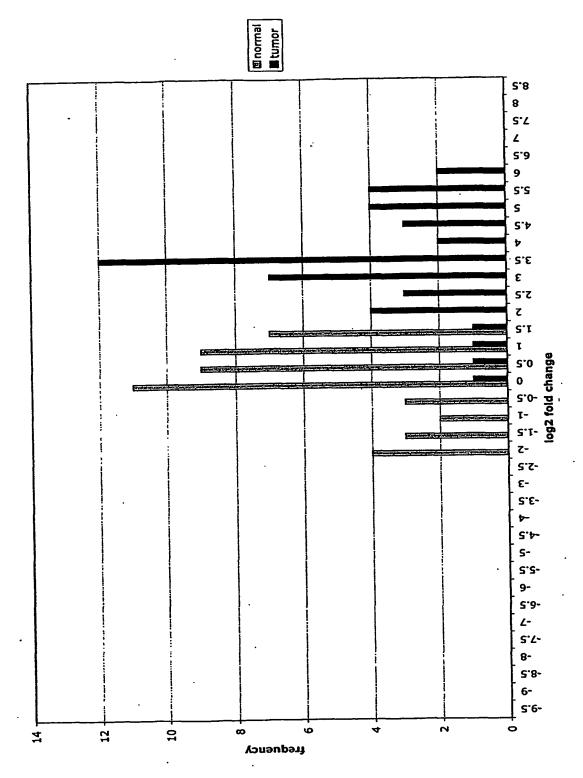
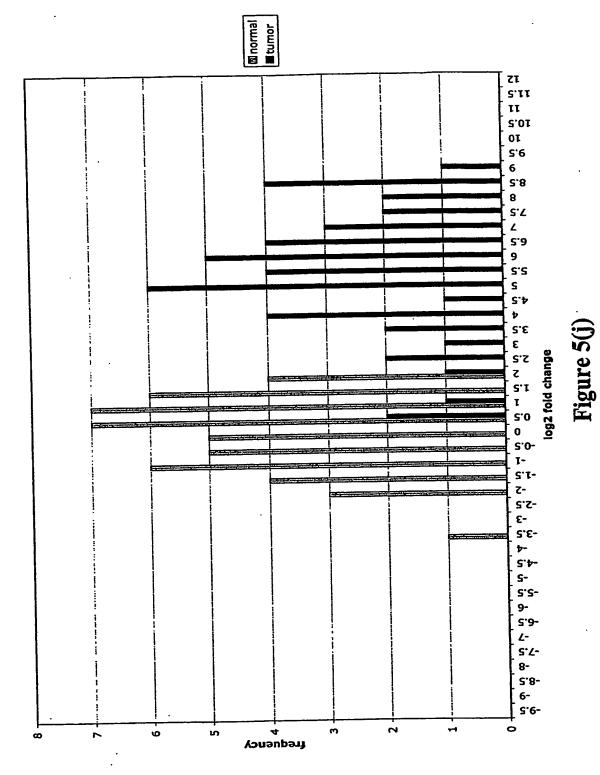


Figure 5(i)

SPP1-tumor:median normal log2 fold change



THBS2-tumor:median normal log2 fold change

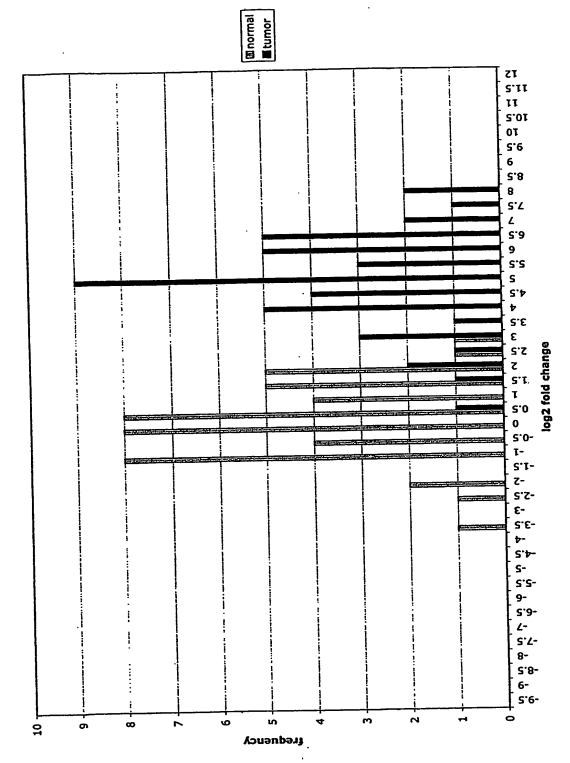


Figure 5(k)

TIMP1-tumor:median normal log2 fold change

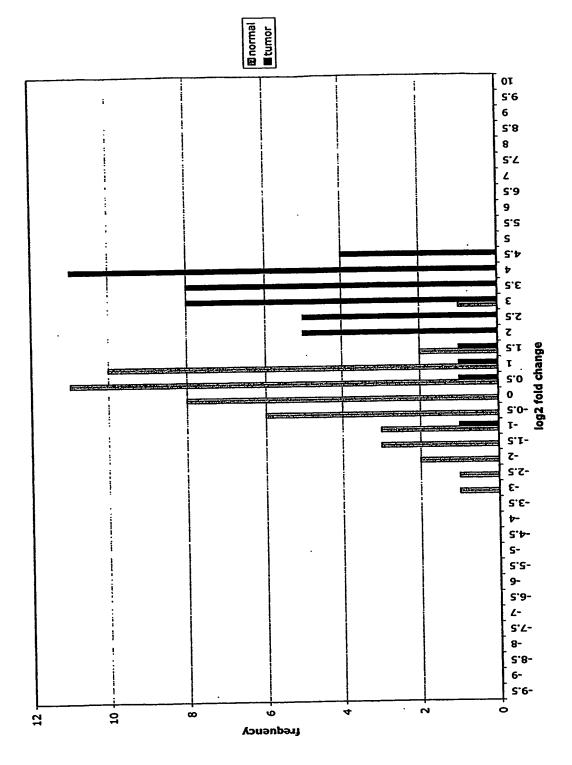
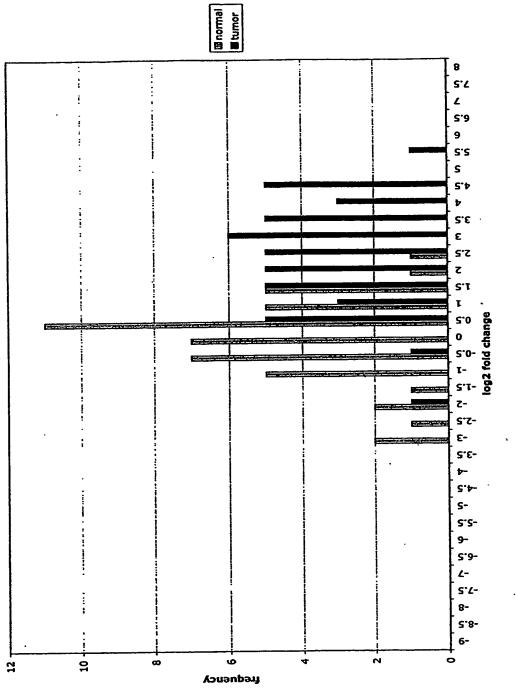


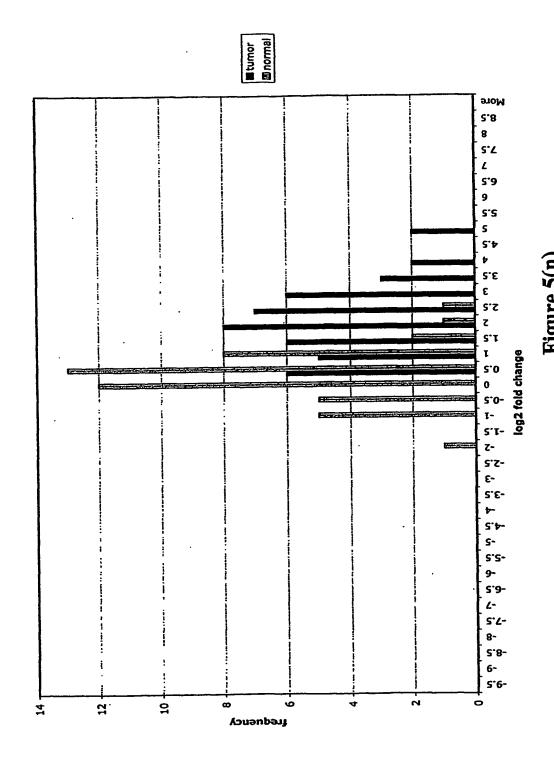
Figure 5(1)

Figure 5(m)

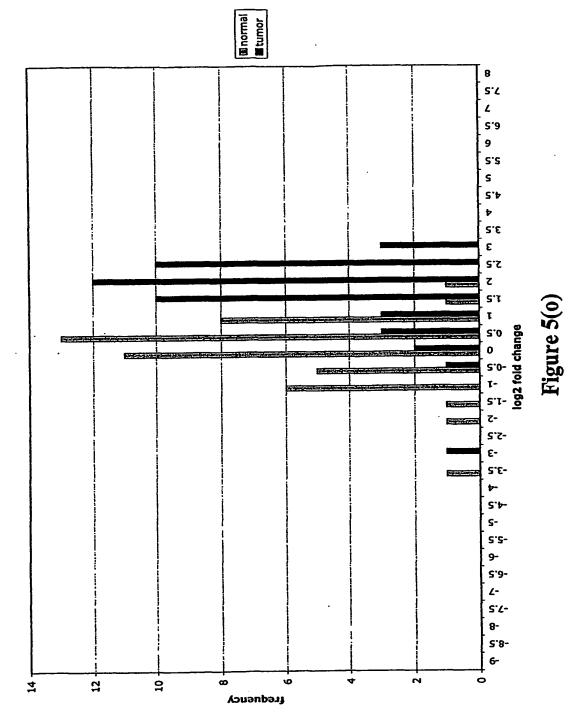




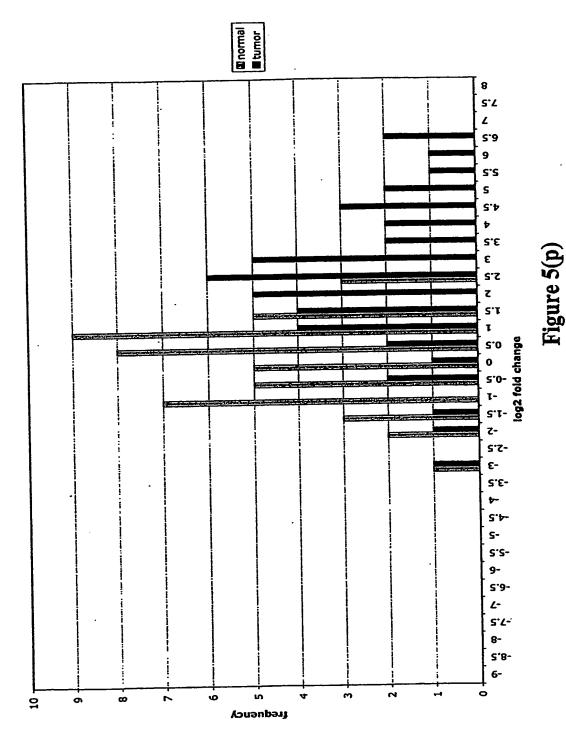
PRS11- tumor:median normal log2 fold change



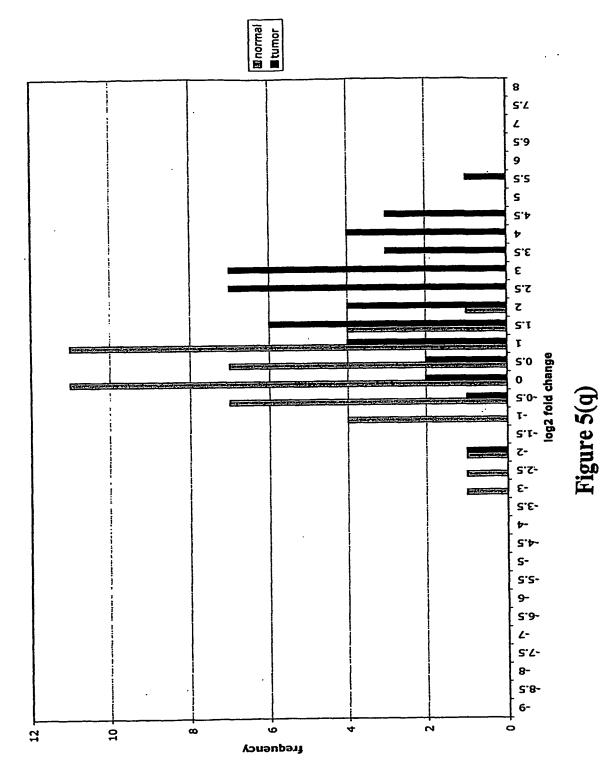
ASAH1-tumor:median normal log2 fold changes



SFRP2-tumor:median normal log2 fold change







MMP12-tumor: median normal log2 fold changes

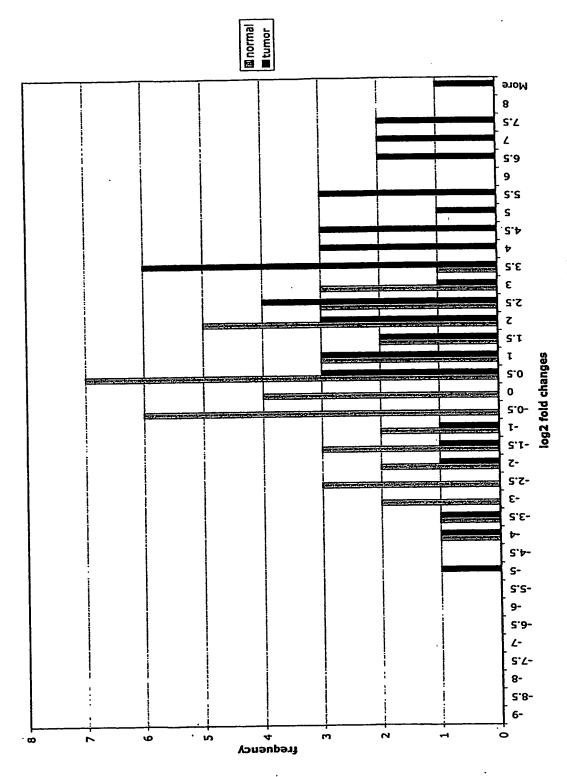
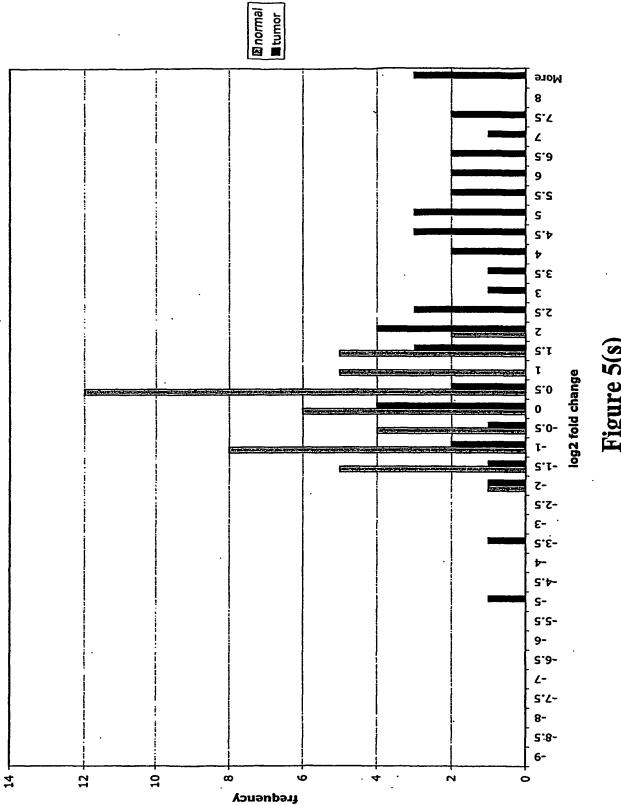
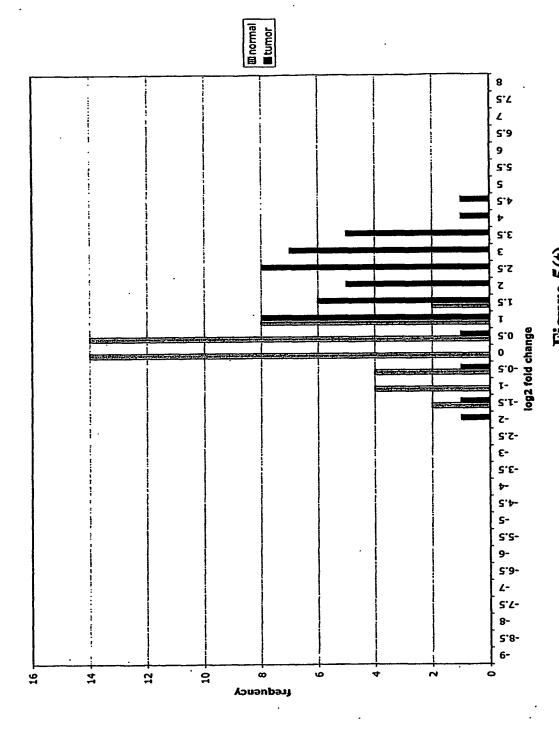


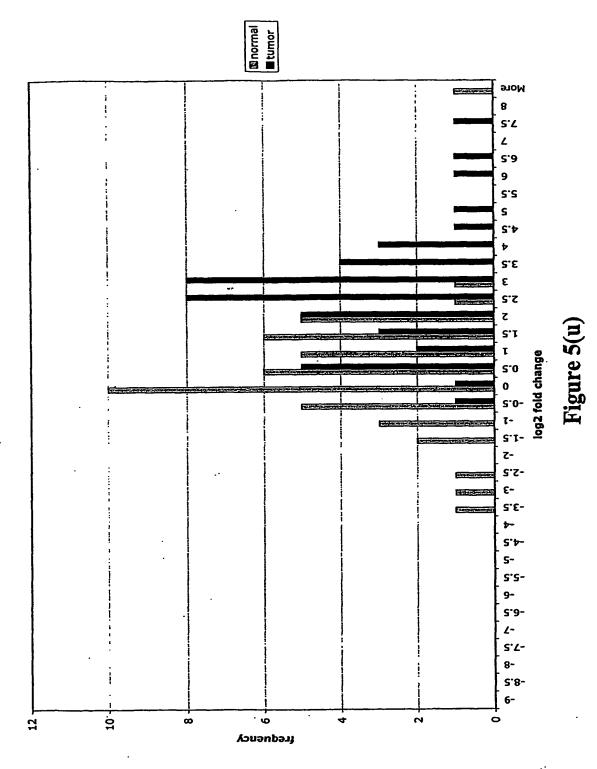
Figure 5(r)



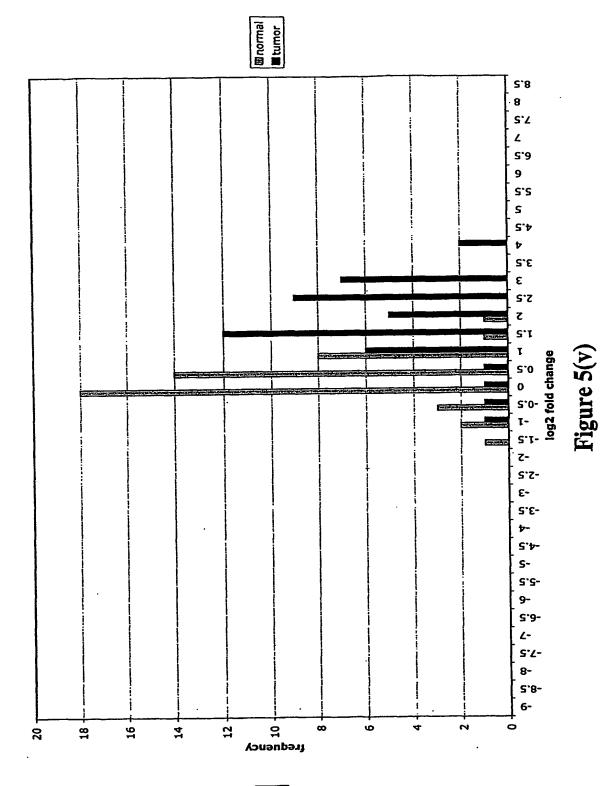
LEPRE1-tumor:median normal log2 fold changes



TG-tumor: median normal log2 fold change



EFEMP2-tumor:median normal log2 fold change



ormal

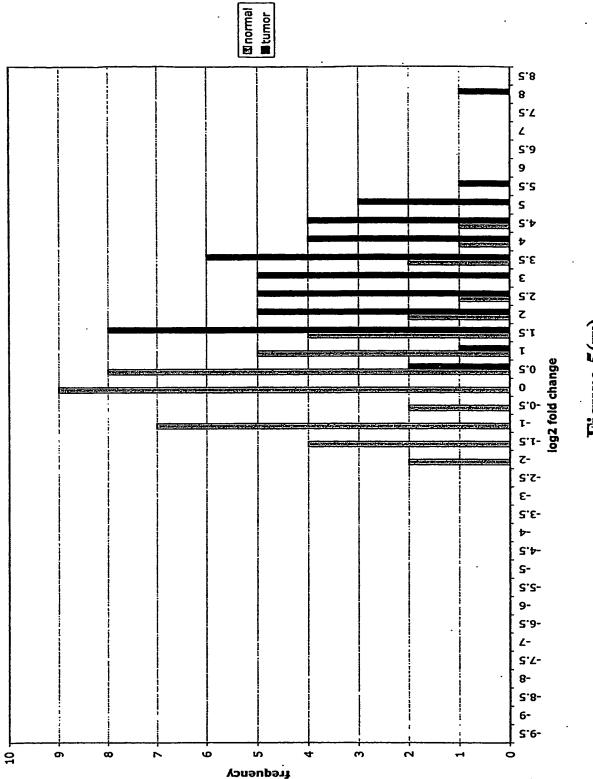


Figure 5(w)

Number of genes expressed > 95th percentile of median normal expression in each tumor sample

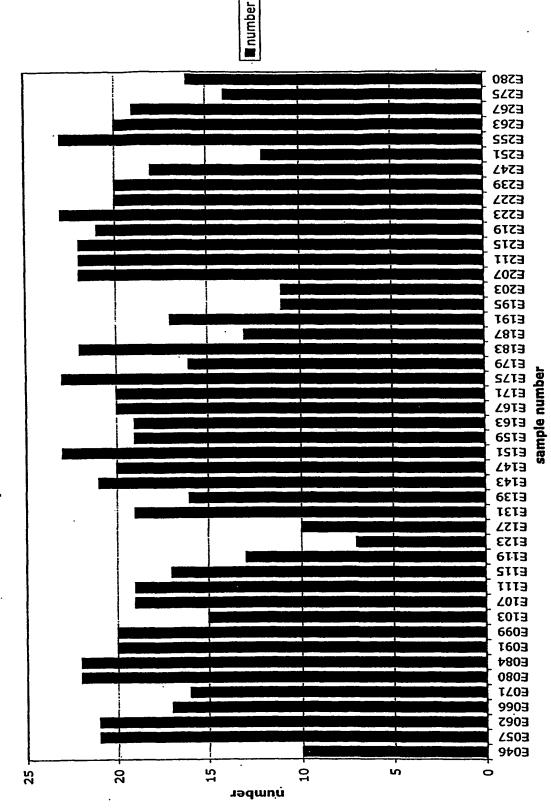
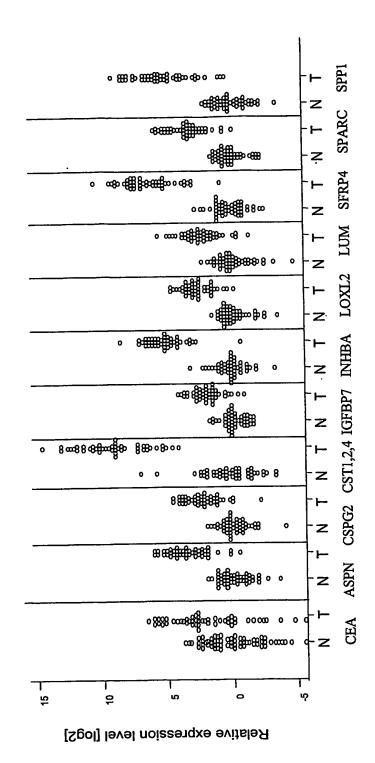
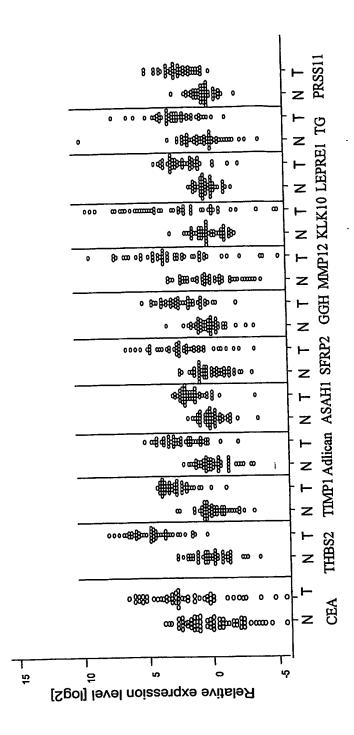


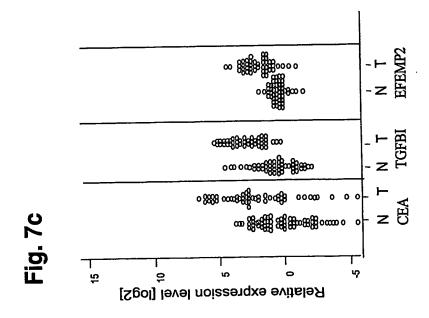
Figure 6

Relative expression of markers in tumor and normal samples compared to CEA Fig.7a



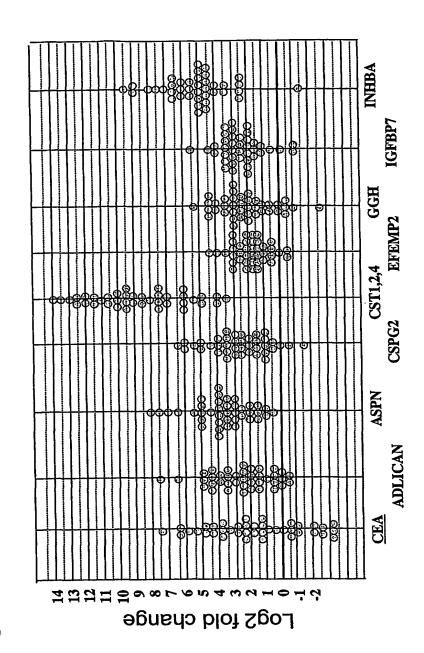


ig. 7b

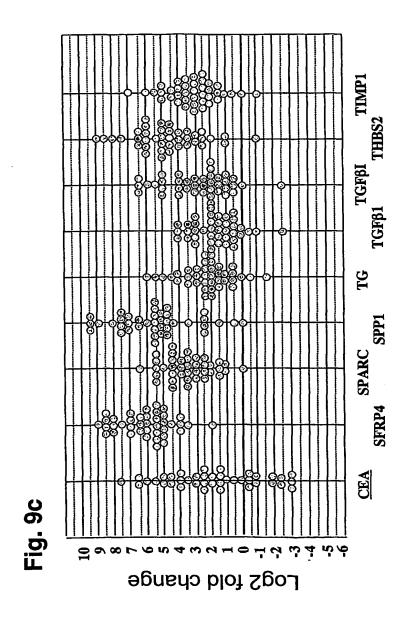


Fin 8. Quantitative RT-PCR: expression in paired tumor and non-malignant samples of selected gastric cancer markers	nor and non-	-mallgnant sa	imples of sel	ected gastric cancer mari	kers
				% tumor samples	
			maximum	with expression	
		median T:N	T:N fold	>paired non-	
name	sympol	Tola Charige Charige	Cilange	88	
adlican			2 3	2005	
asporin (irr class 1)	ASPN	11	198	TOO	1
chandroitin sulfate proteoglycan 2 (versican)	CSPG2	5	98	93	
Cyctatins SN. SA & S	CST1, 2, 4	498	11911	100	
enf-containing fibulin-like extracellular matrix protein 2	EFEMP2	3	17	93	
gamma-glutamvi hydrolase	H59	4	34	83	
Inhihin beta A chain	INHBA	27	630	95	
Institutive growth factor binding protein 7	IGFBP7	2	38	93	
Kallikrain 10	KLK10	7	519	78	
lende proline-enriched proteoglycan 1(leprecan 1)	LEPRE1	4	23	85	
limican	MOJ	2	89	06	
Ivsvi oxidase-like 2	רסארז	7	53	95	
matrix metallormteinase 12	MMP12	6	468	85	
metallormtelnase inhibitor 1	TIMP1	9	103	95	
n-acylentinosine amidohydrolase	ASAH1	3	15	88	
Detendantin	SPP1	36	929	86	
secreted frizzled-related protein 2	SFRP2	5	48	83	
serreted frizzled-related protein 4	SFRP4	54	375	100	
secreted protein, addic, cysteine rich	SPARC	10	99	95	
serine protease 11 (IGF binding)	PRSS11	4	63	06	
thrombospondin 2	THBS2	23	452	86	
thyraelobulin	TG	4	174	93	
bansforming growth factor B-induced	TGFBI	5	78	95	
cell growth regulatory factor with EF-hand domain	CGR11		33	75	
	SERPINHI	10	51	86	
	MMP2	2	46	83	
proprotein convertase subtilisin/kexin type 5	PCSK5	2	63	80	
serine (or cysteine) proteinase inhibitor B5	SERPINB5	5	861	73	
transforming growth factor 81	TGF81	3	16	88	
carcinoembryonic antigen (CEA)	CEACAMS	9	177	89	

Relative tumor:normal fold changes in paired tumor/normal gastric samples Fig. 9a



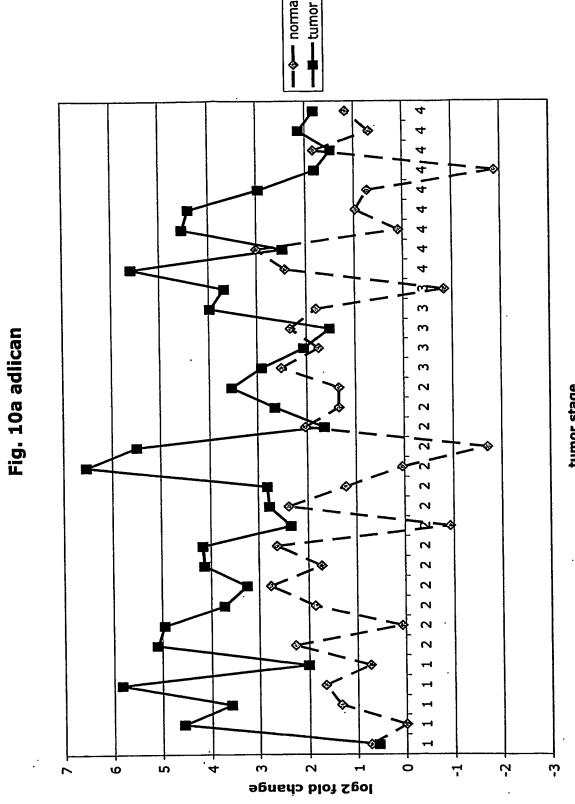
MMP12 SERPINH1
SFRP2 LUM KLK10 LEPRE1 LOXL2 CEA Log2 fold change



Log2 fold change

CEA ASAH1 CGR11 PCSK5 SERPINB5

Fig. 9d



tumor stage



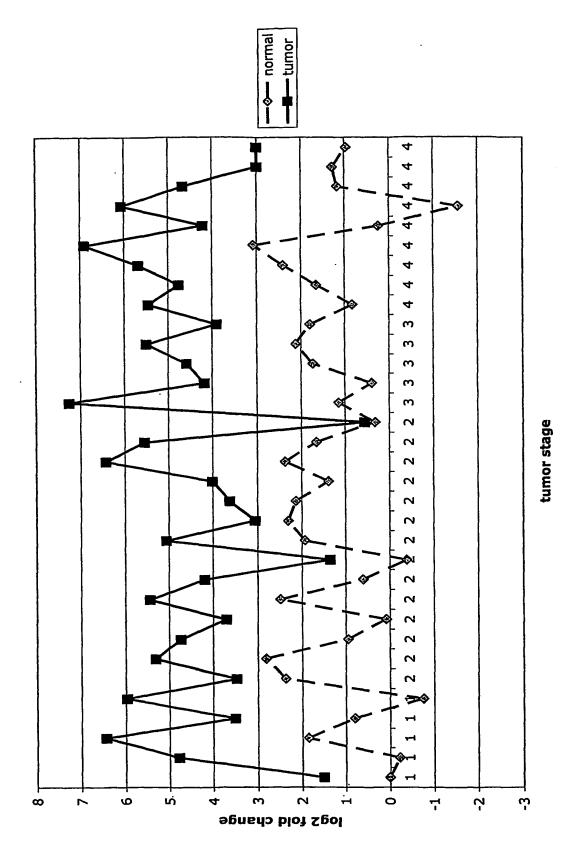
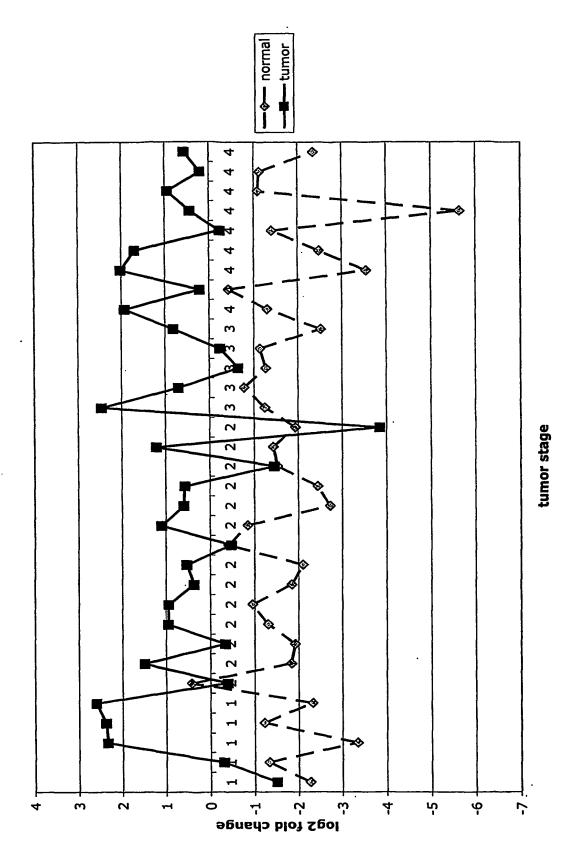


Fig. 10c CSPG2



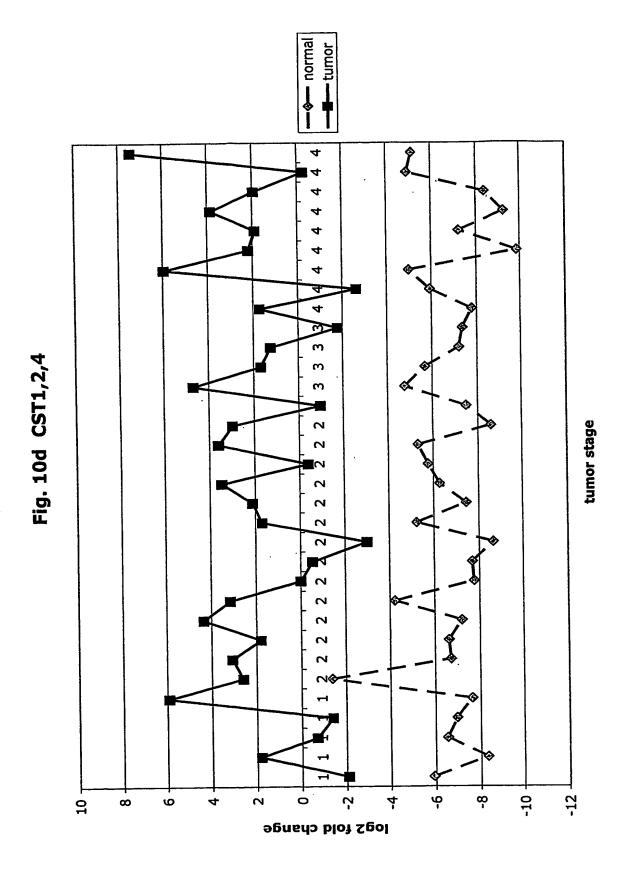
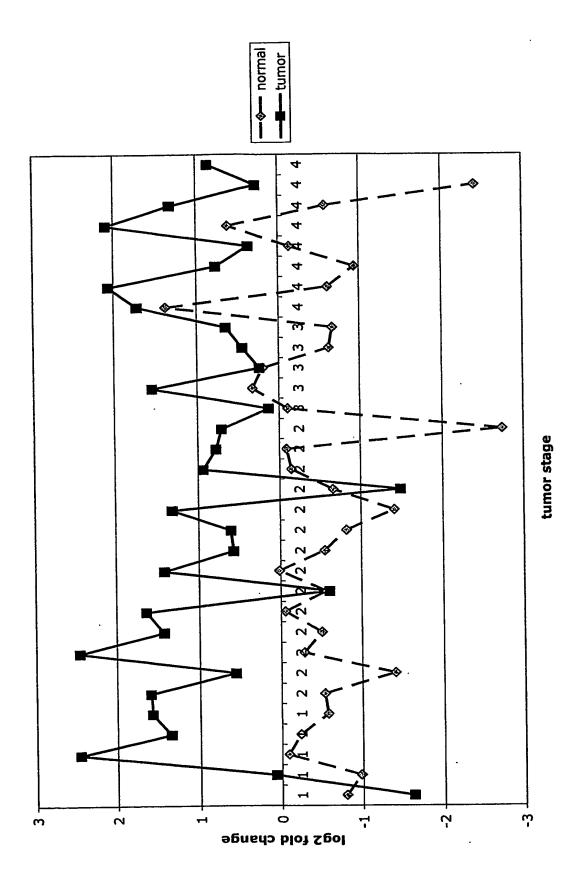


Fig. 10e EFEMP2





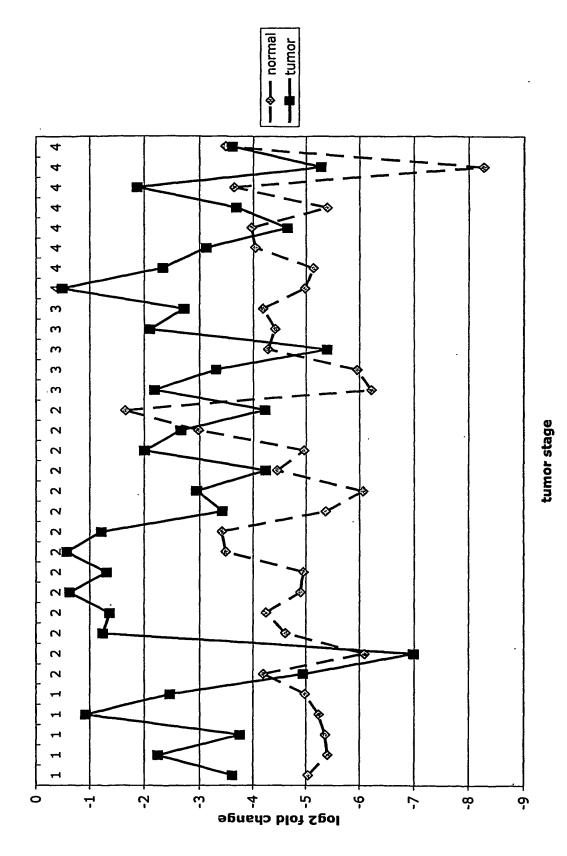


Fig. 10g INHBA

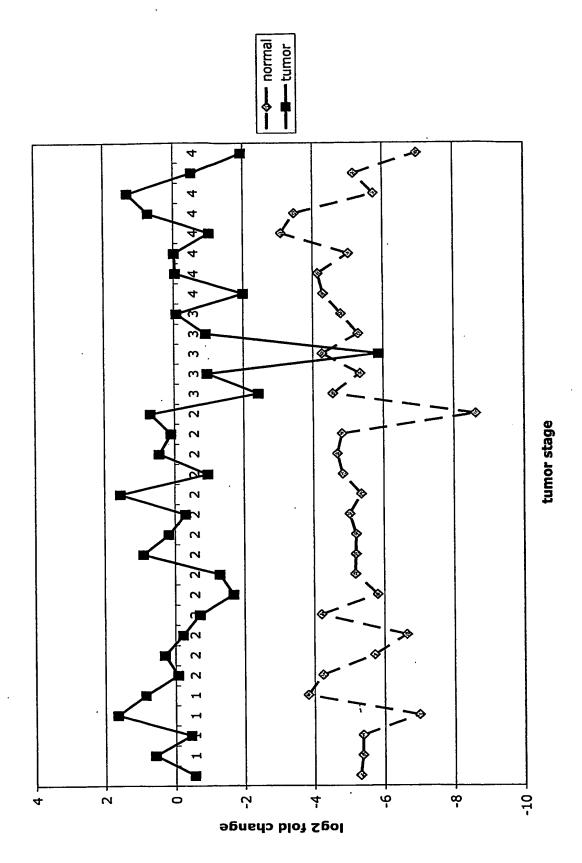
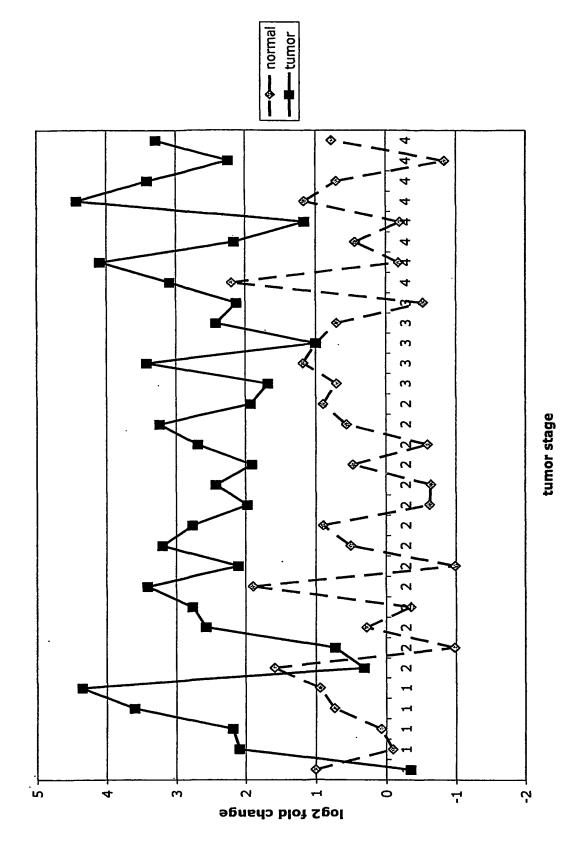


Fig. 10h IGFBP7



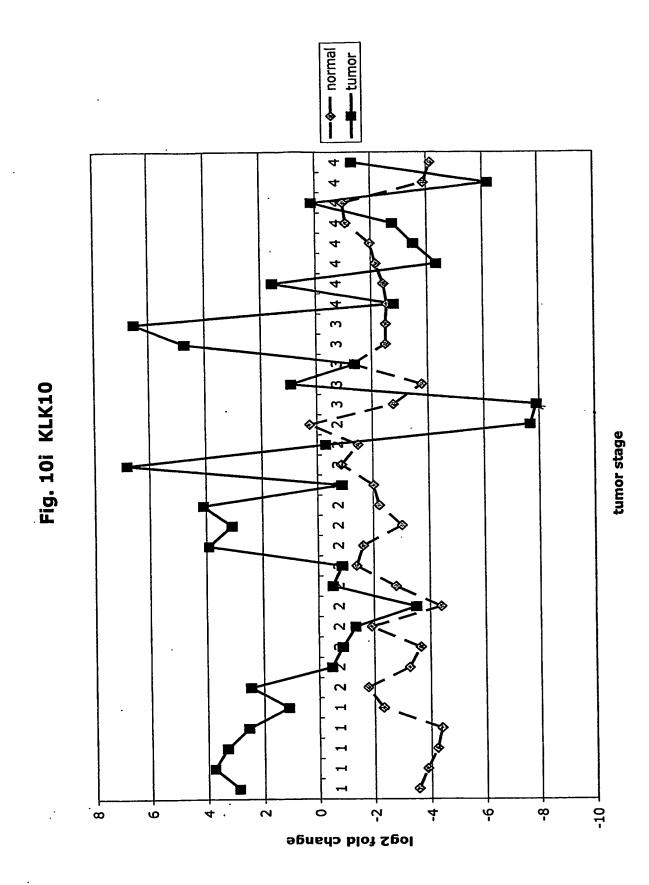
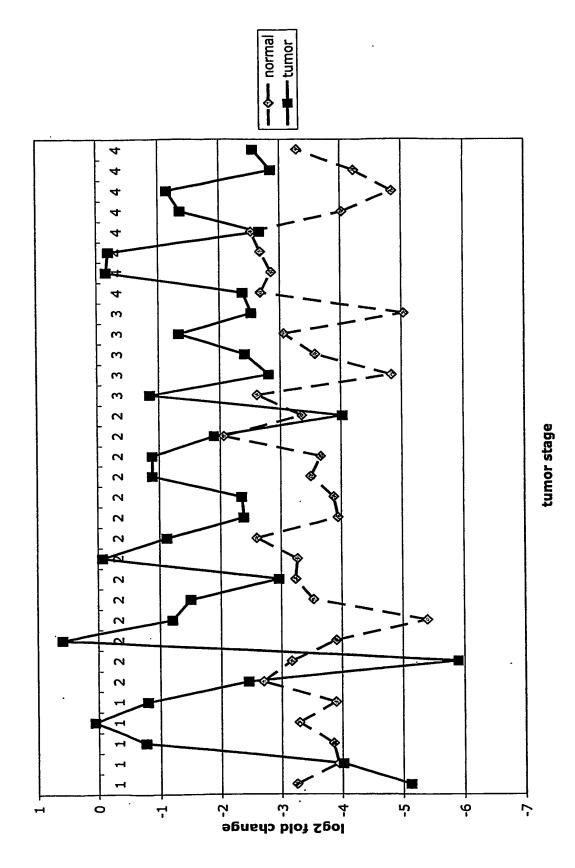
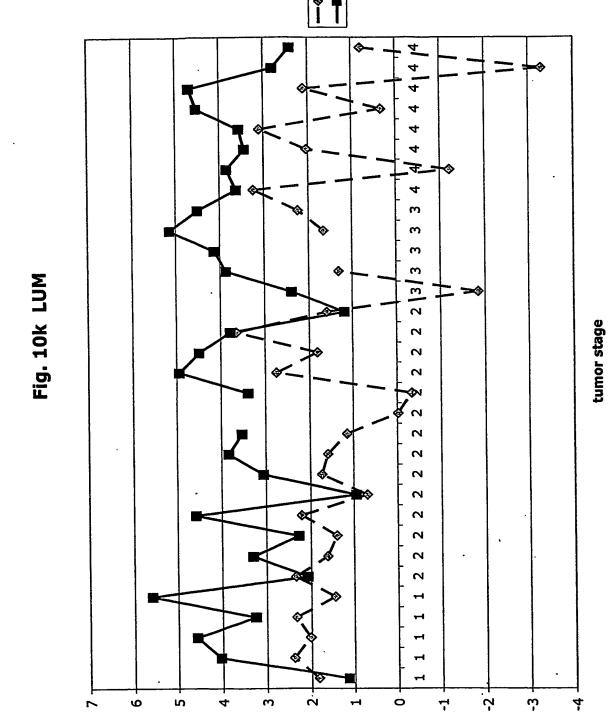


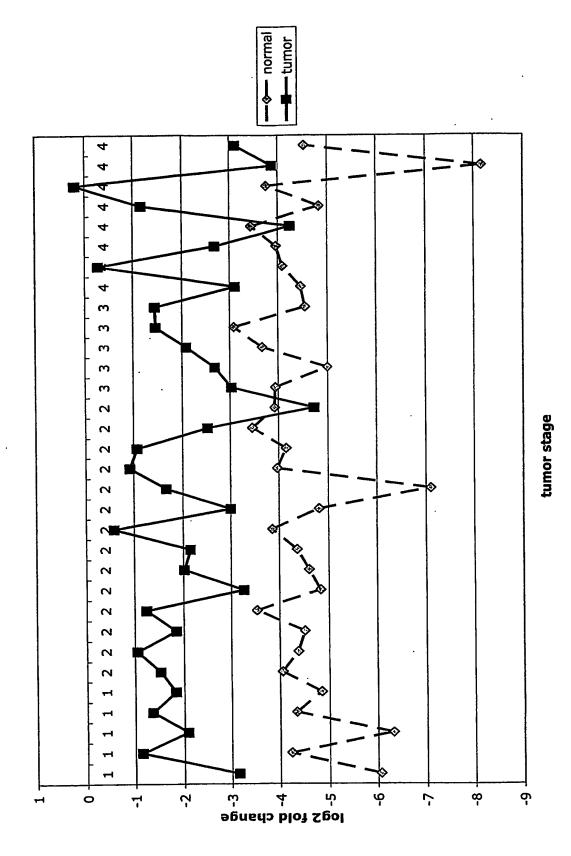
Fig. 10j LEPRE1





log2 fold change

Fig. 101 LOXL2



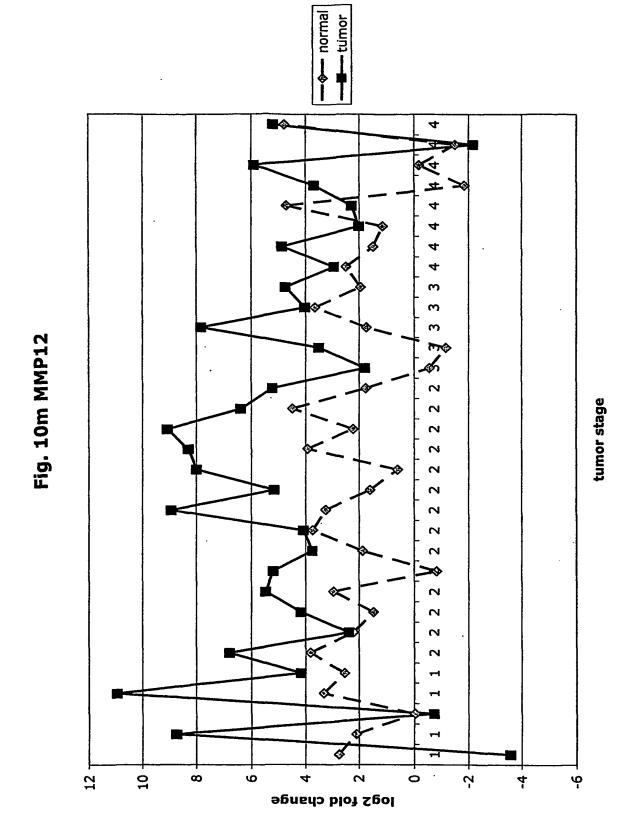


Fig.10n TIMP1

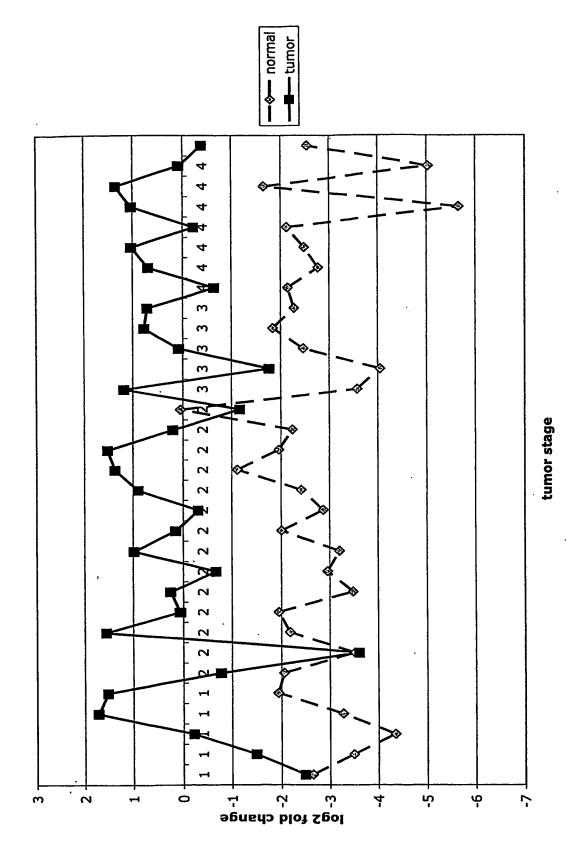
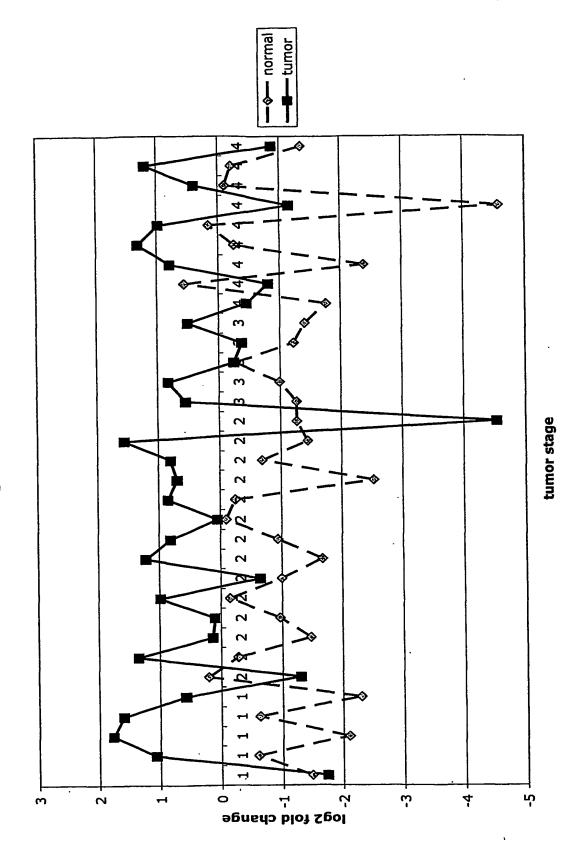
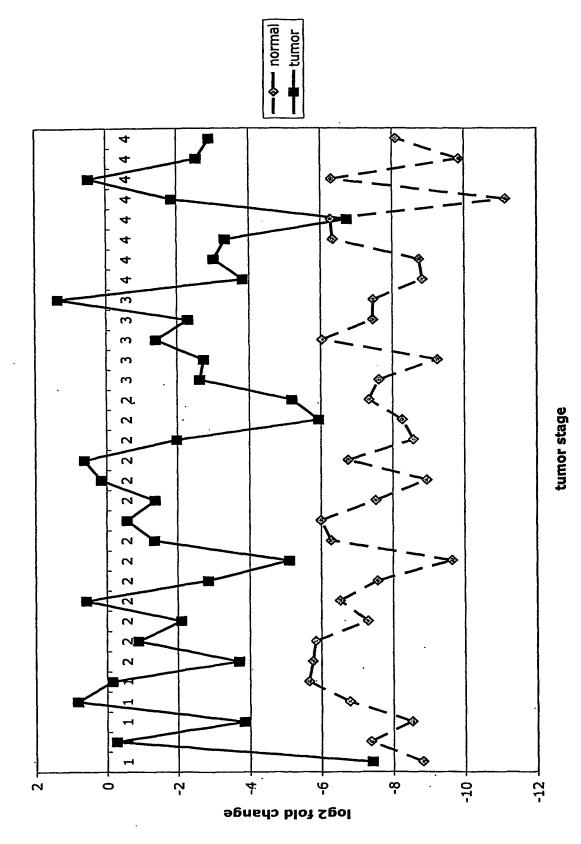


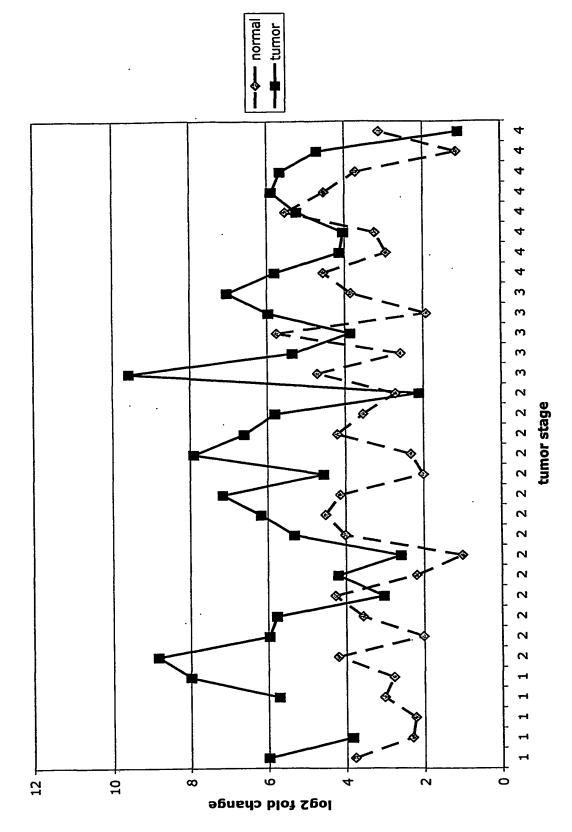
Fig. 100 ASAH1



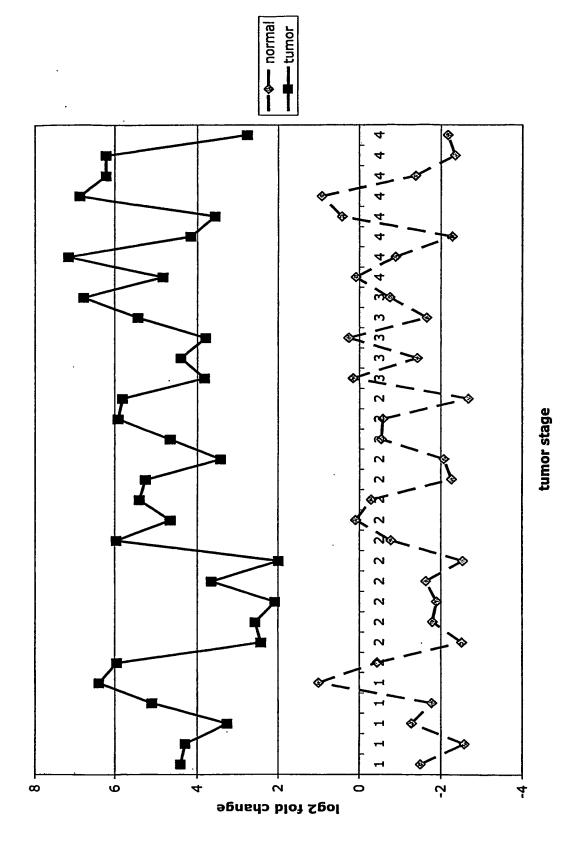


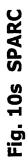


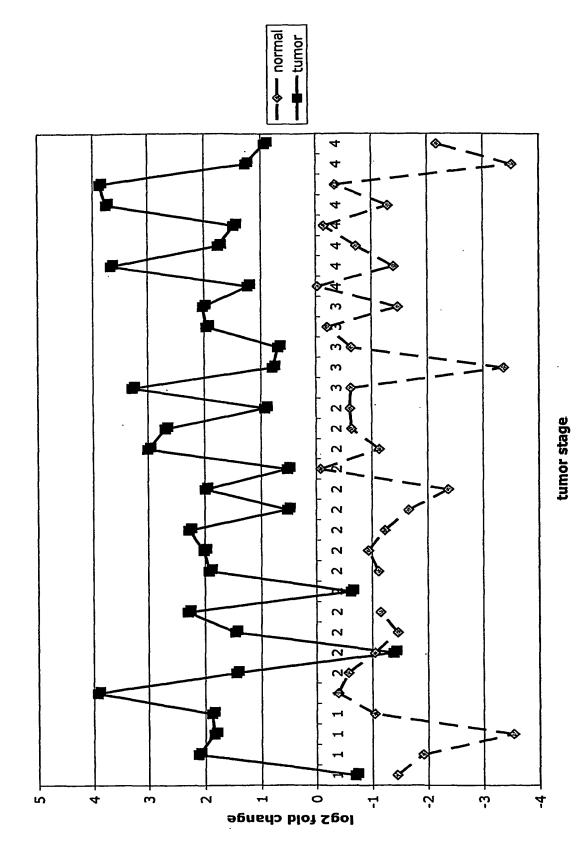




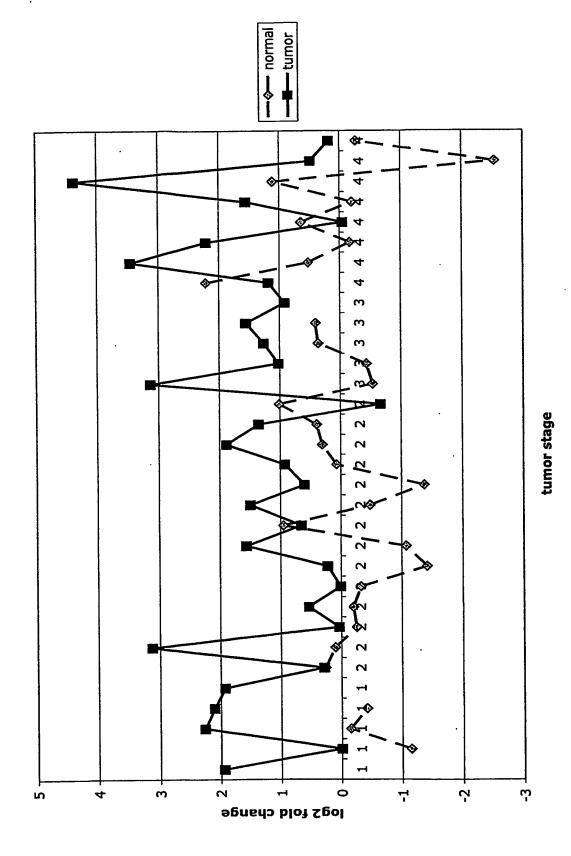


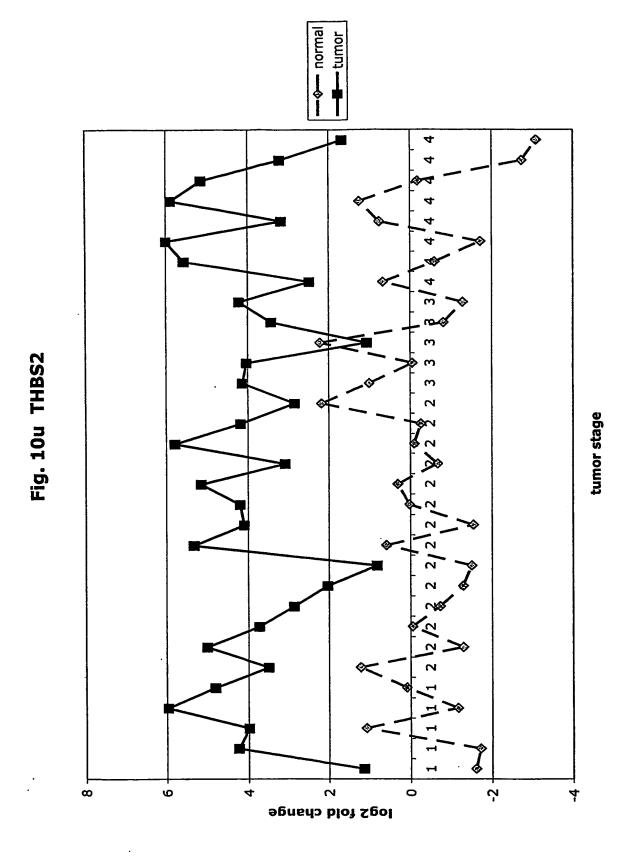


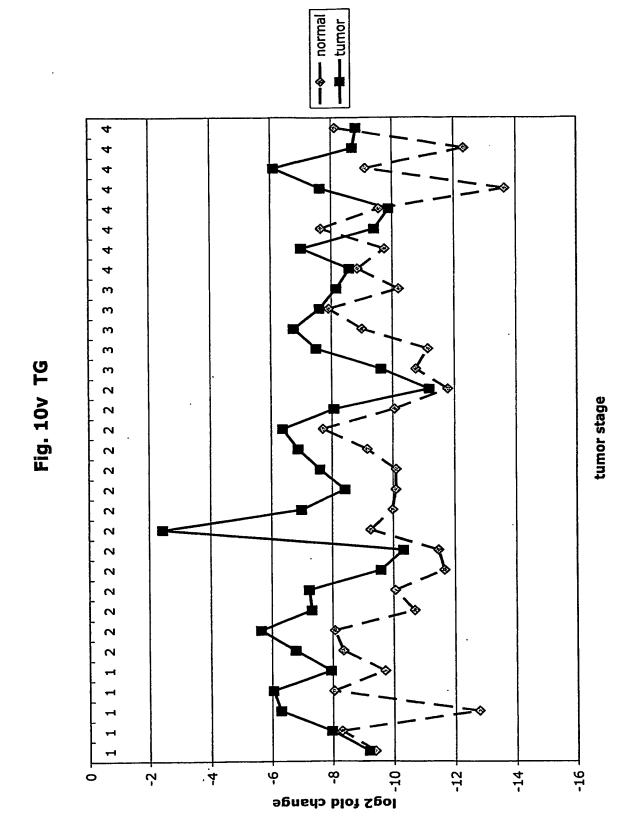




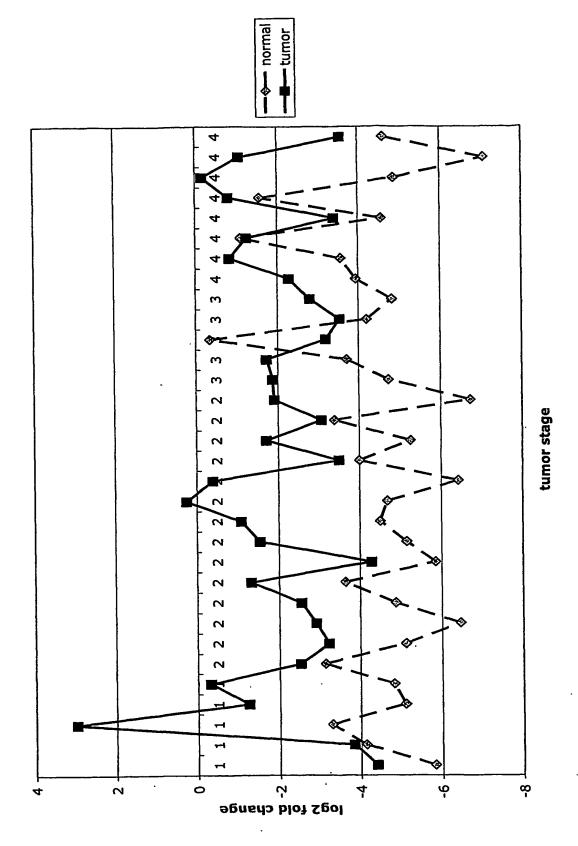












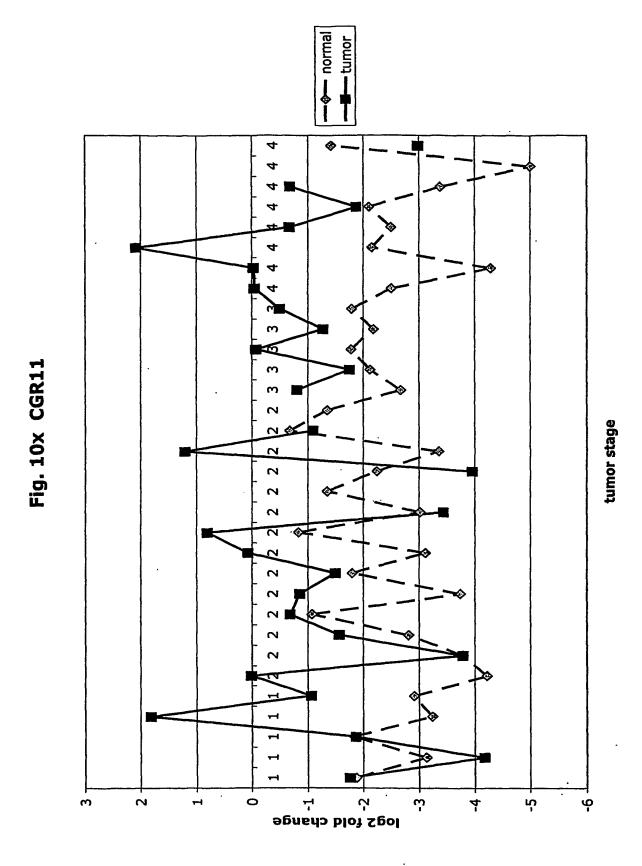


Fig. 10y SERPINH1

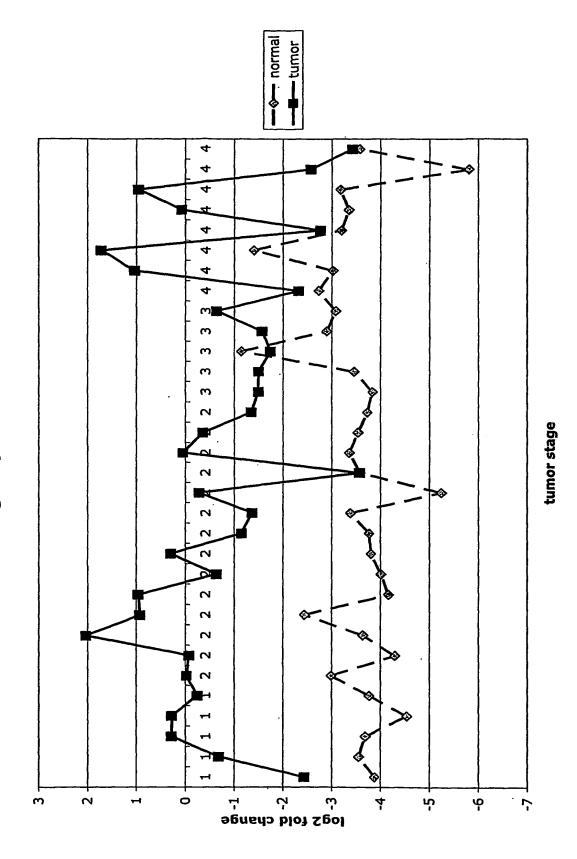


Fig. 10z MMP2

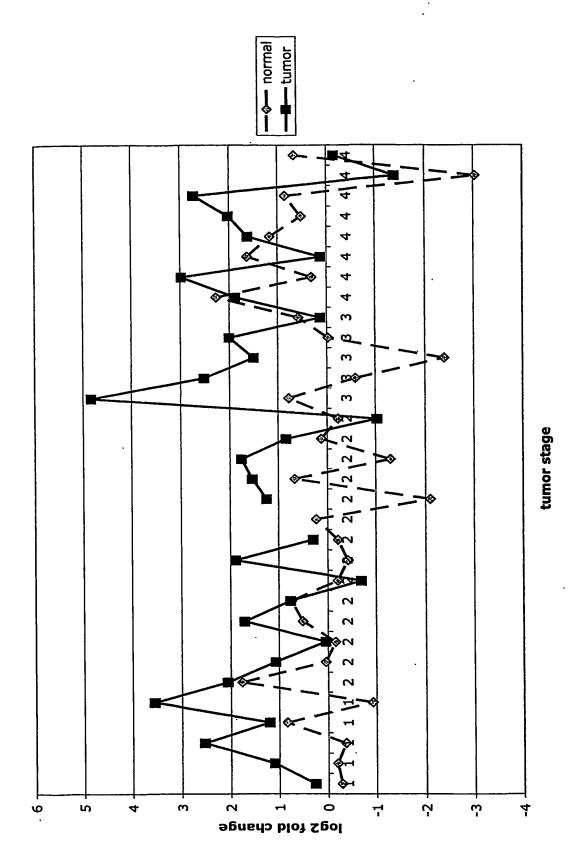


Fig. 10aa PCSK5

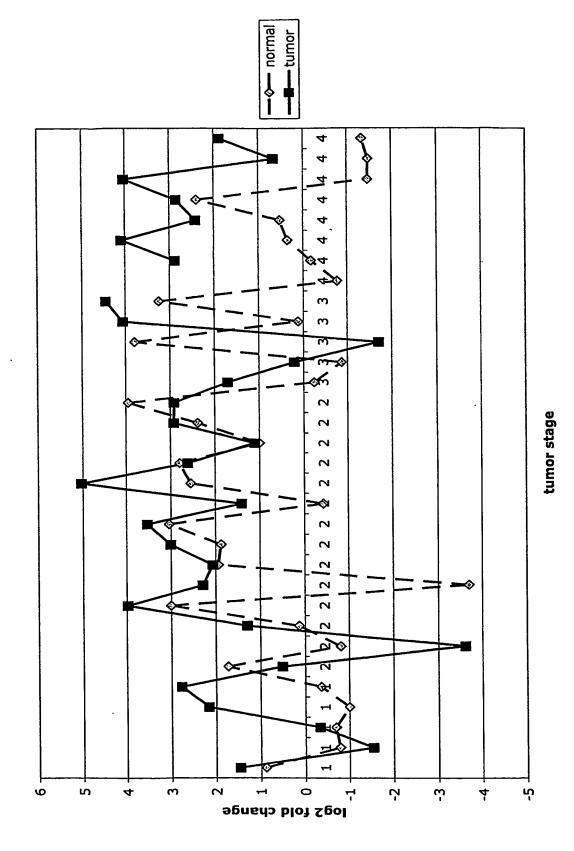


Fig. 10ab SERPINBS

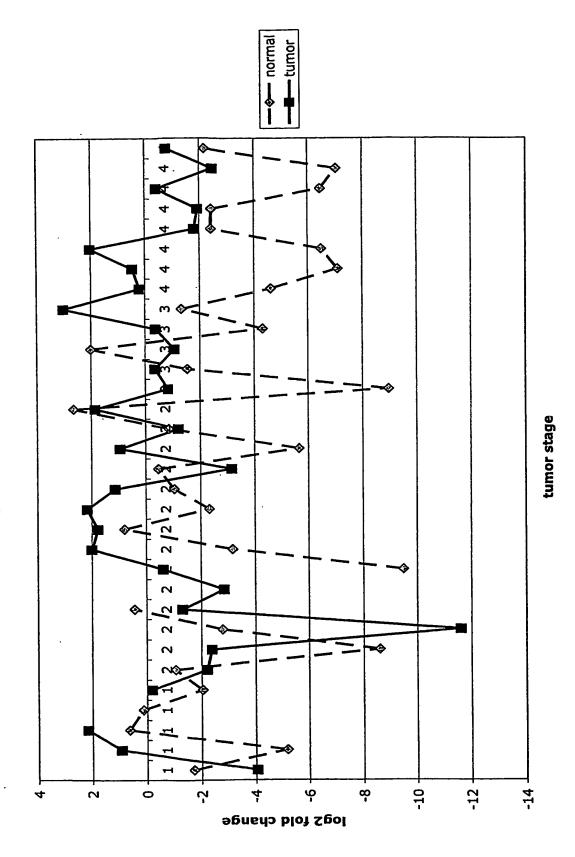


Fig. 10ac TGFb1

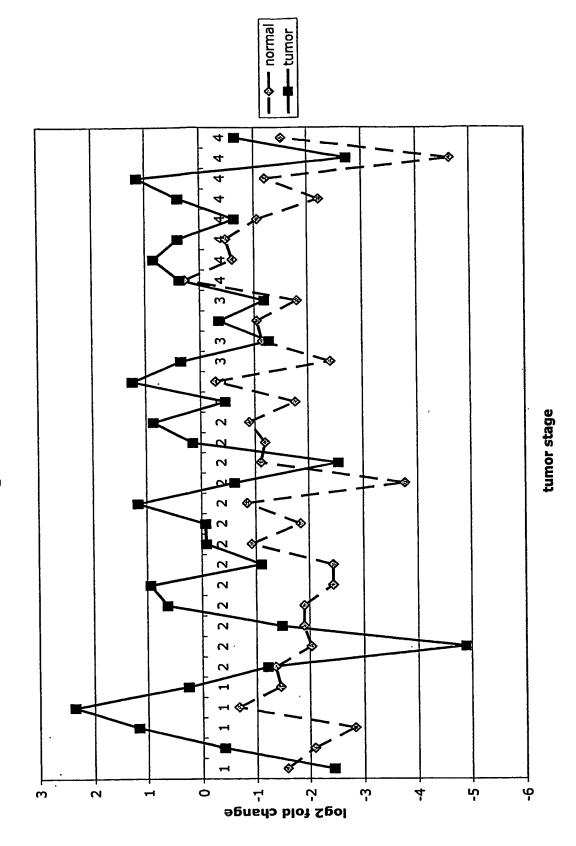


Fig. 10ad CEA

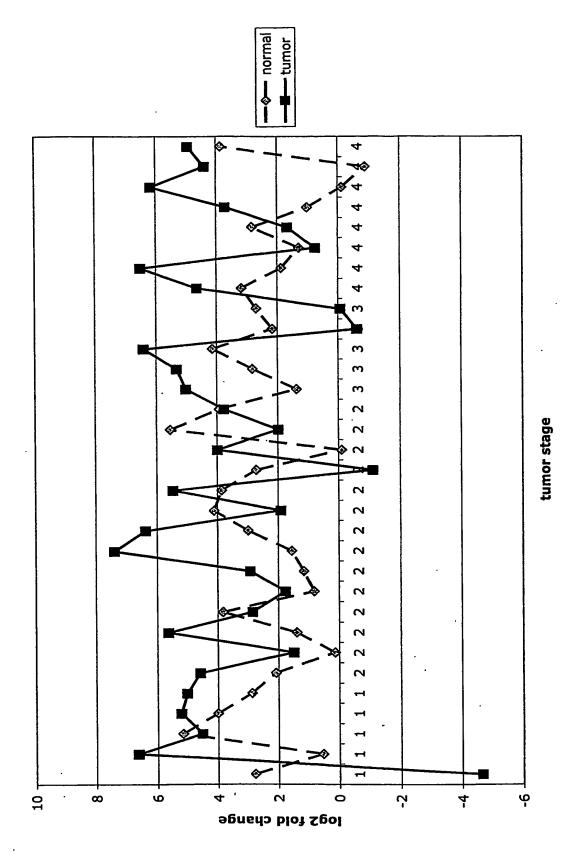
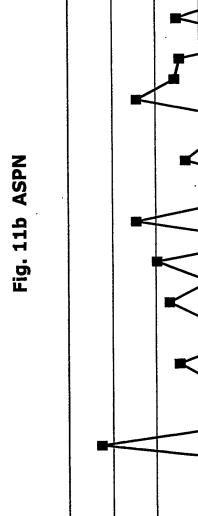
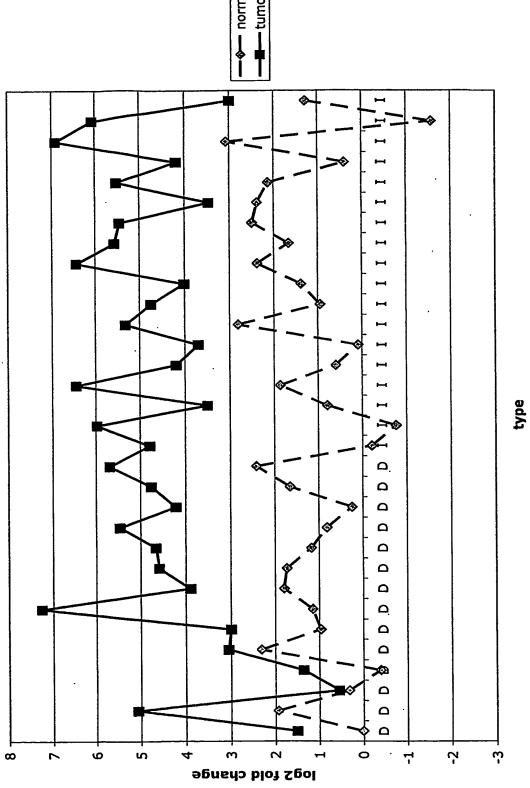
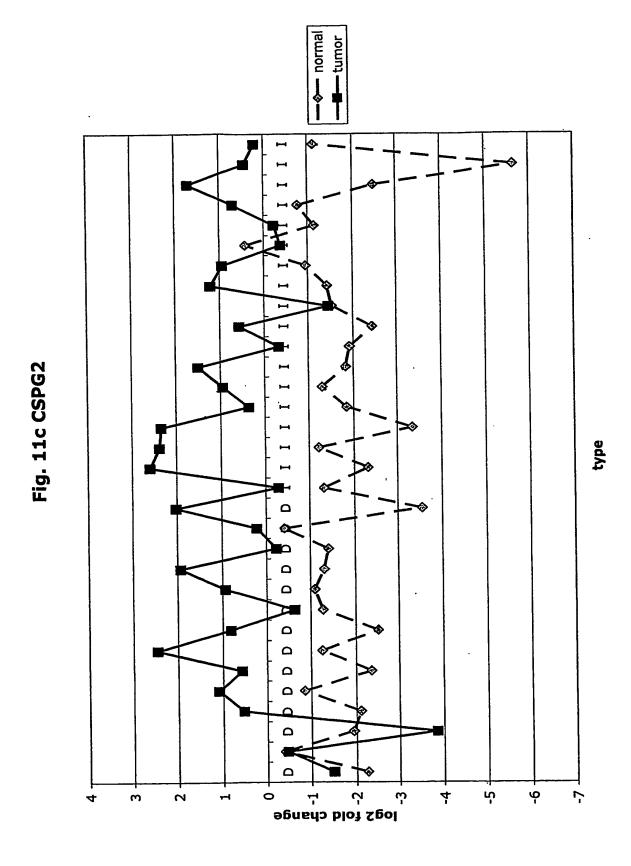


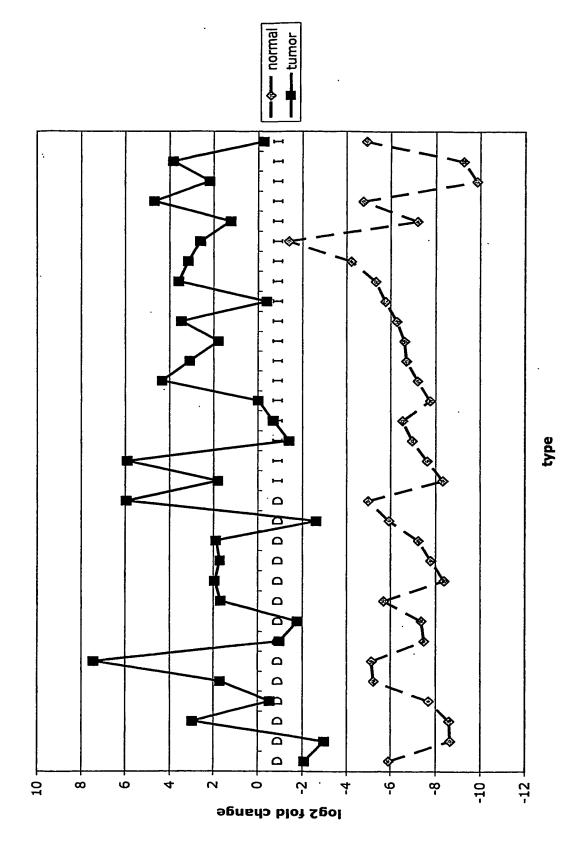
Fig. 11a Adlican Ω Δ Ω Ω Δ Ω Ω Ω Ω 0 വ 9 log2 fold change

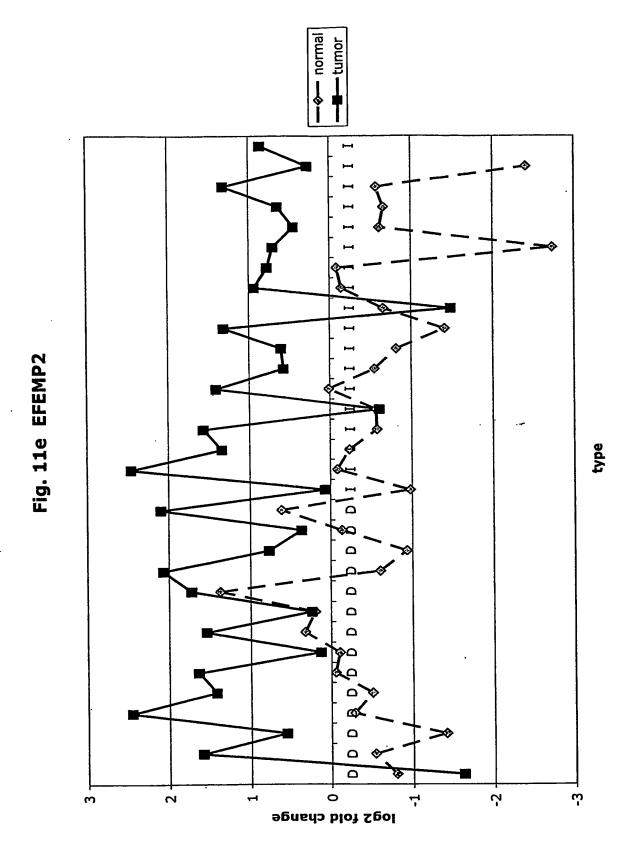


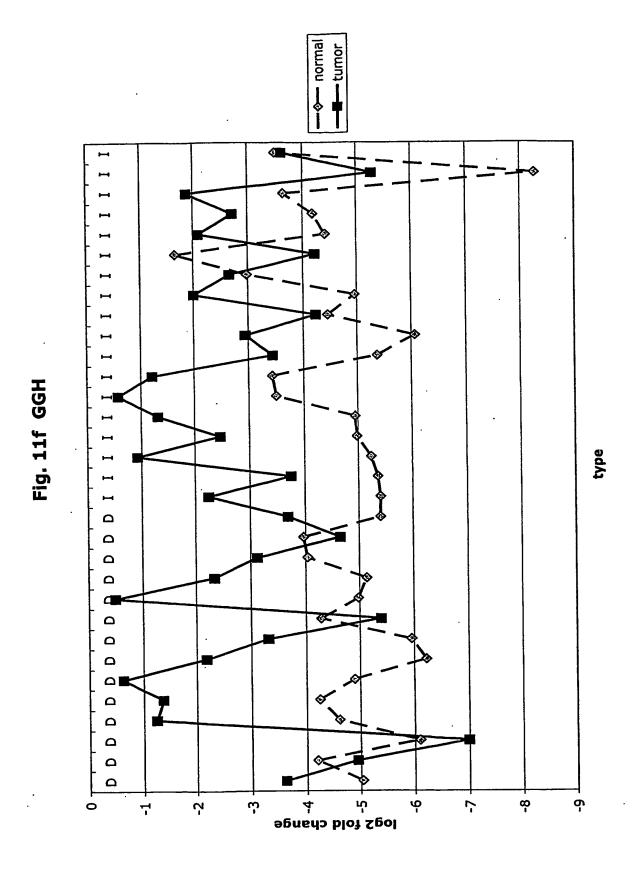


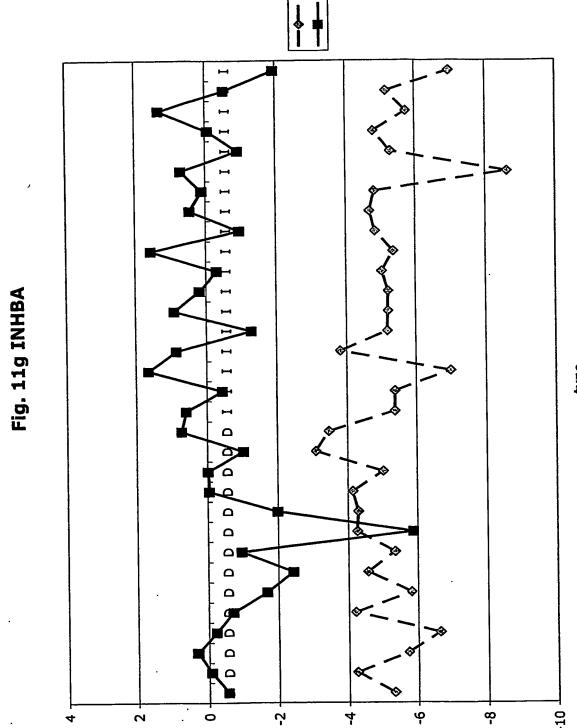






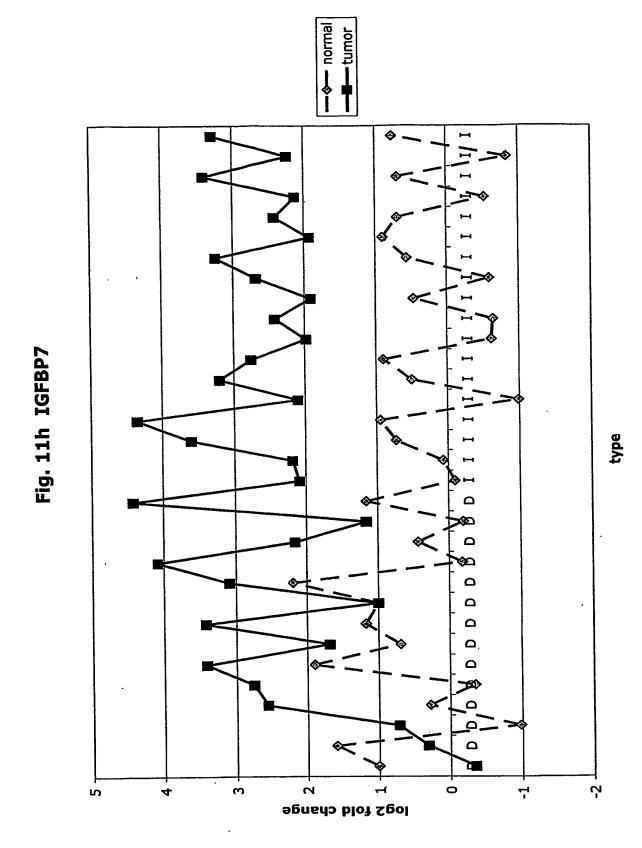


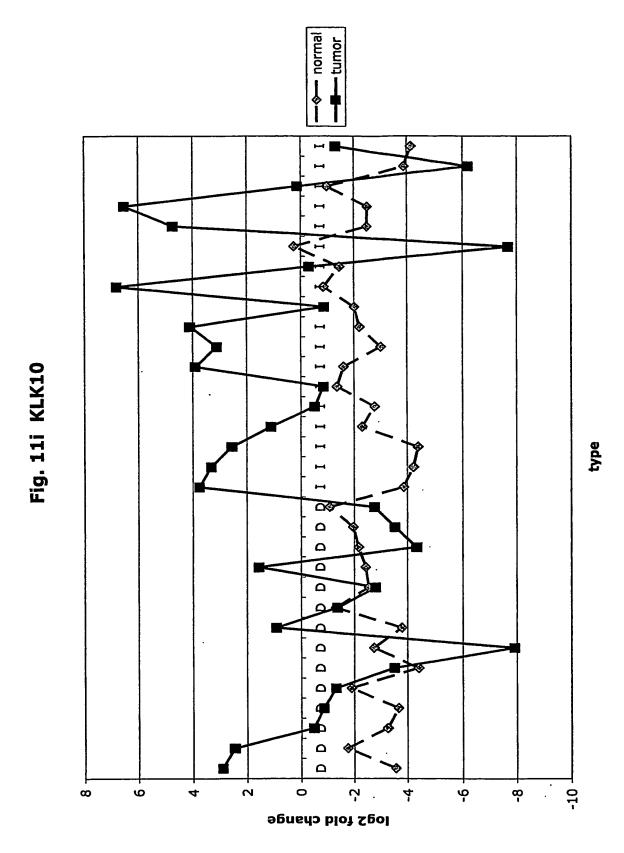




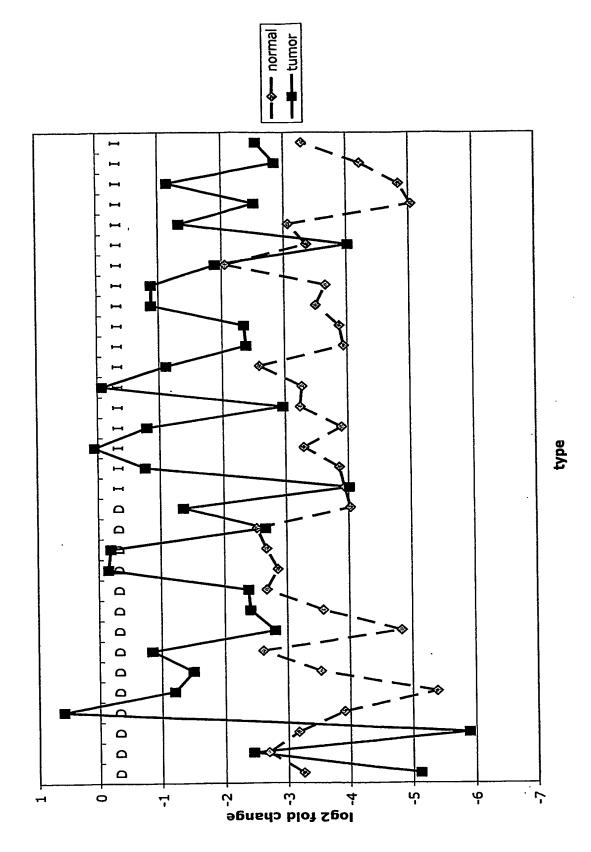
log2 fold change

type

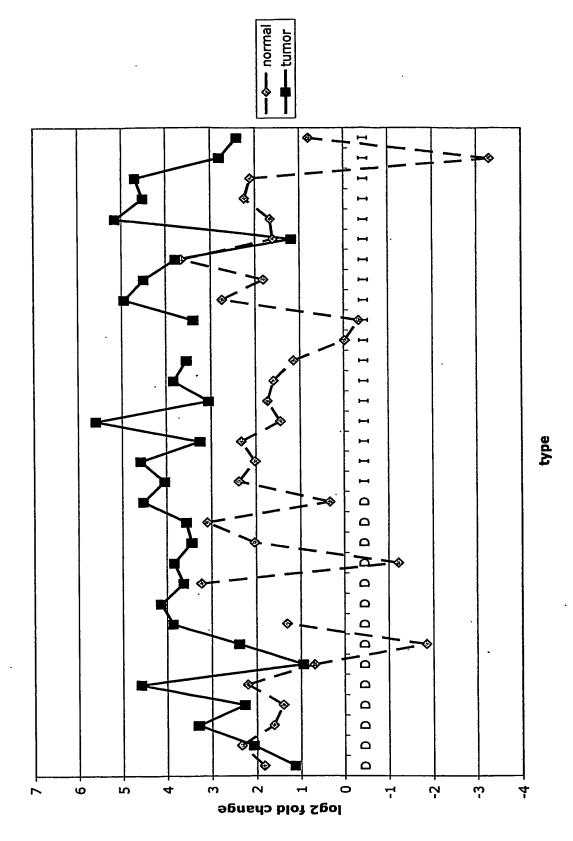














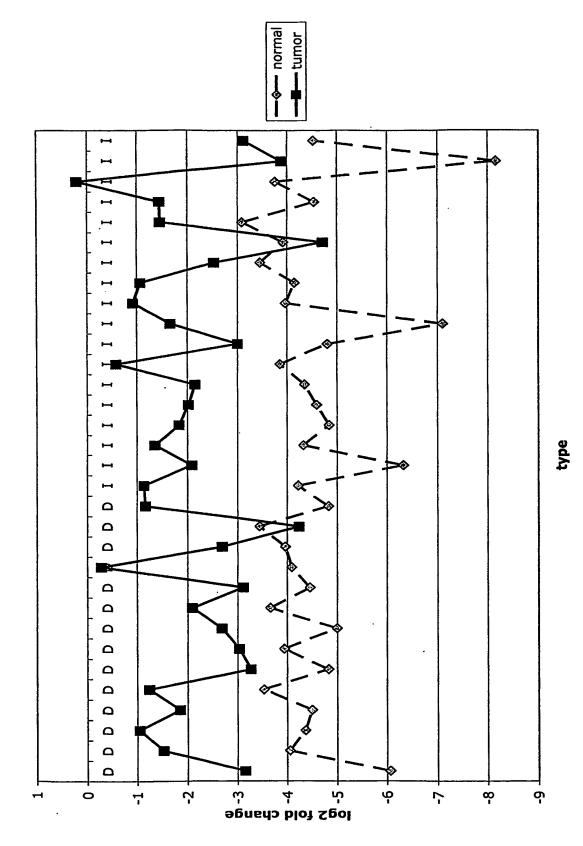


Fig. 11m MMP12

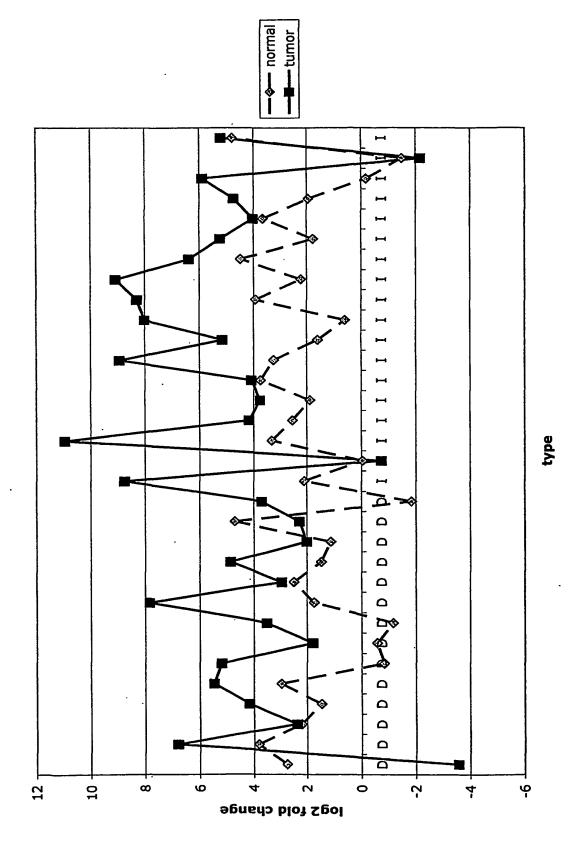


Fig. 11n TIMP1

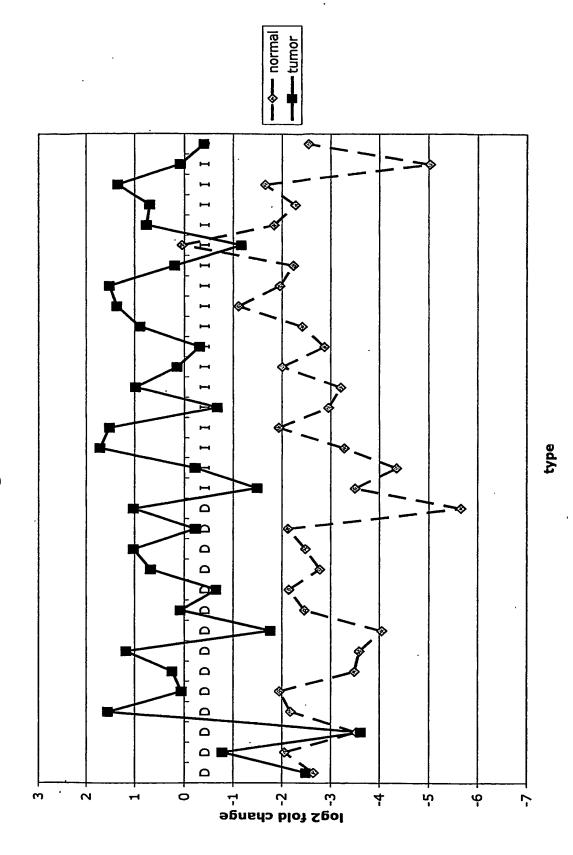


Fig. 110 ASAH1

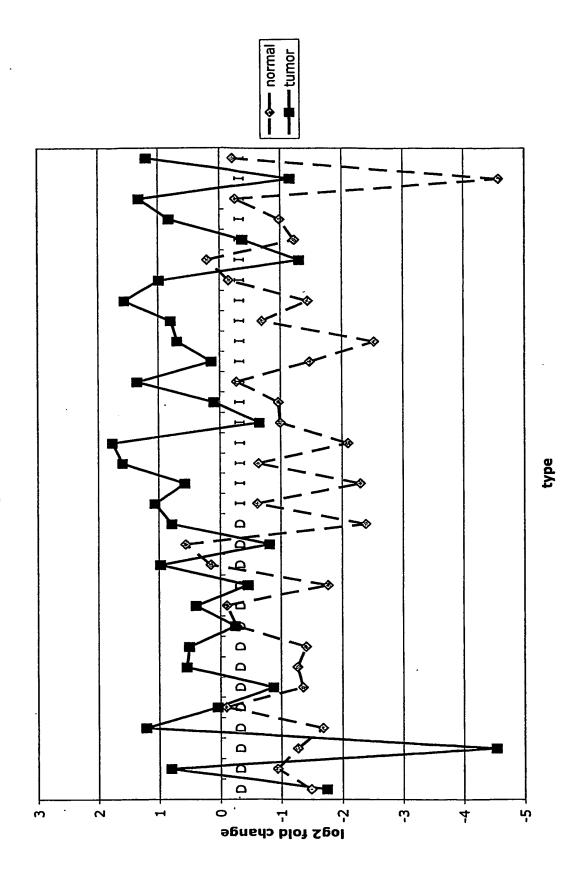


Fig. 11p SPP1

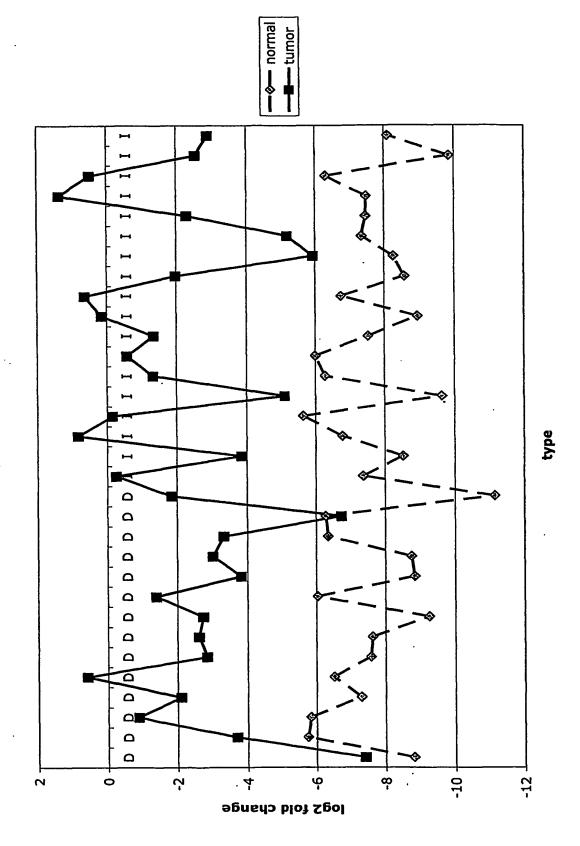


Fig. 11q SFRP2

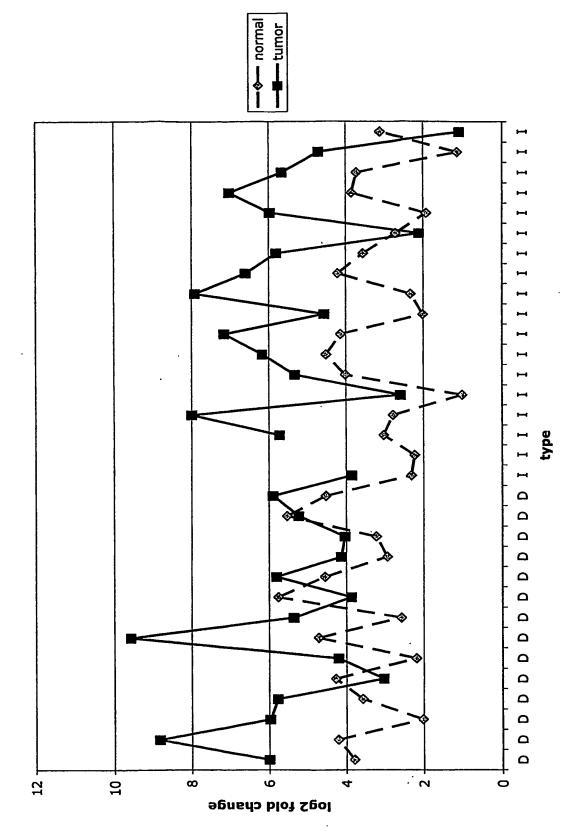
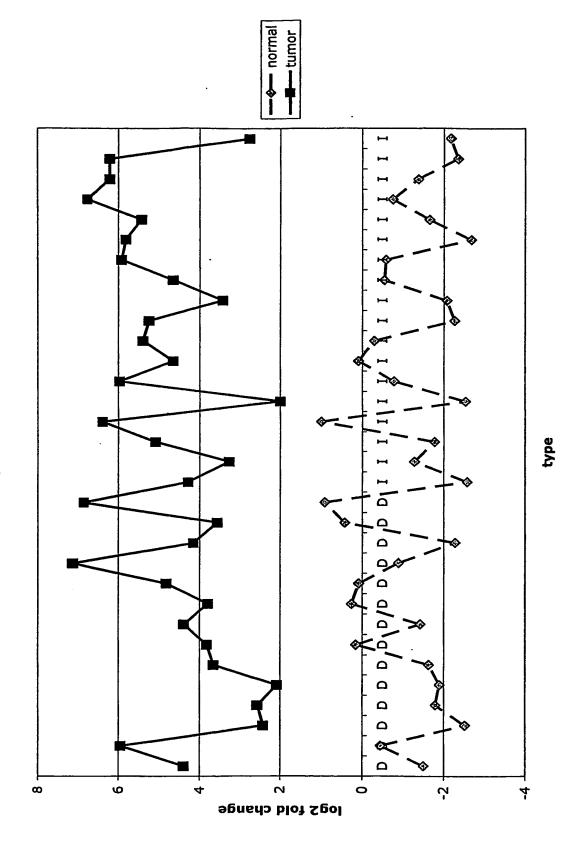


Fig. 11r SFRP4



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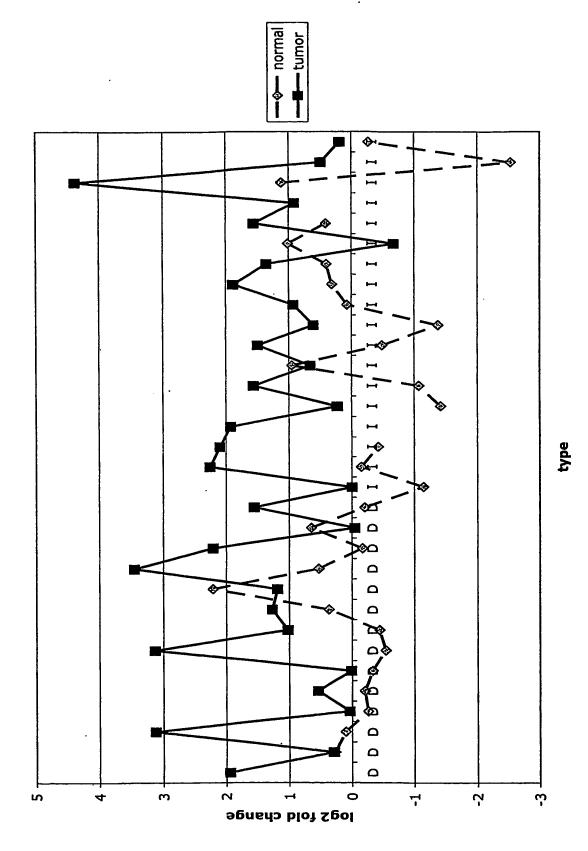
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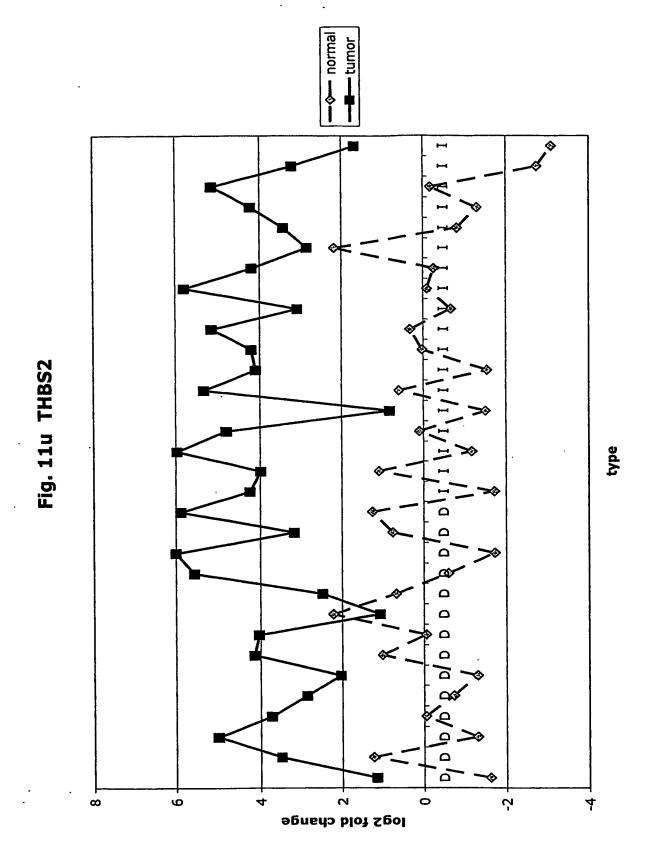
log2 fold change

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Fig. 11t PRSS11





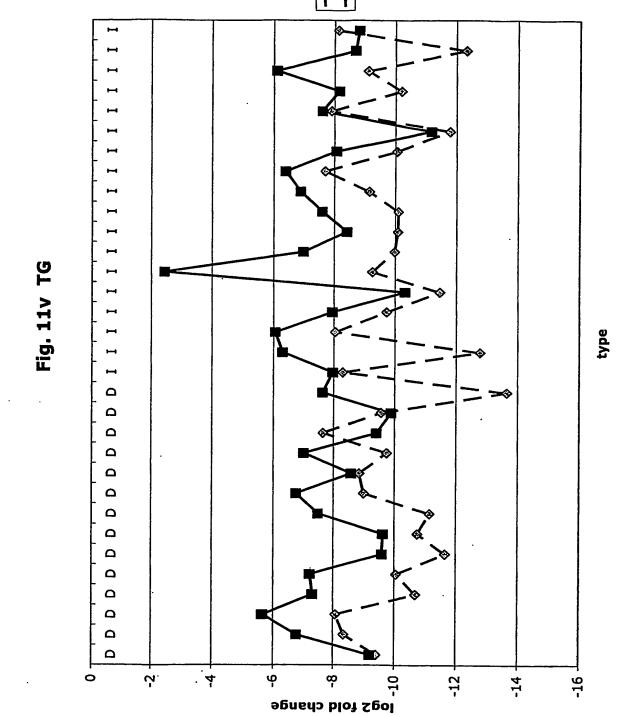


Fig. 11w TGFBI

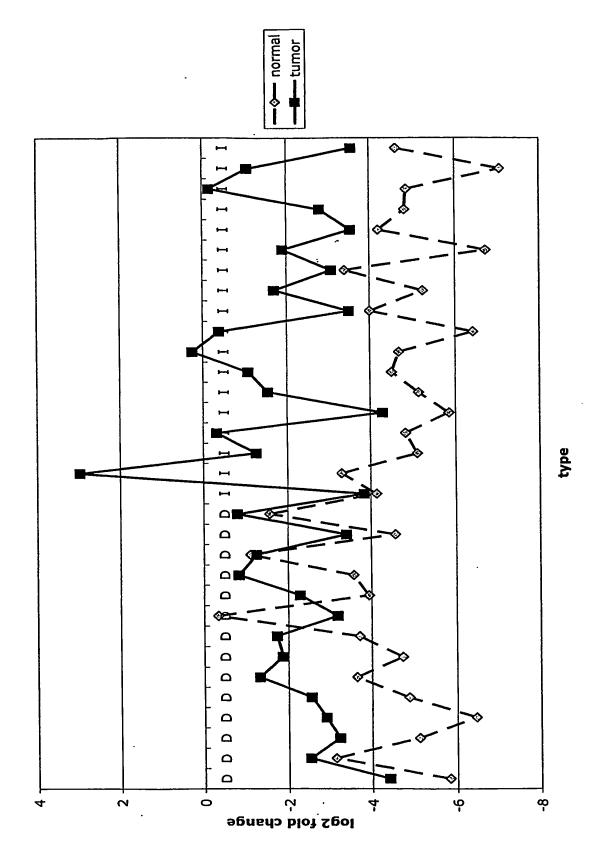


Fig. 11x CGR11

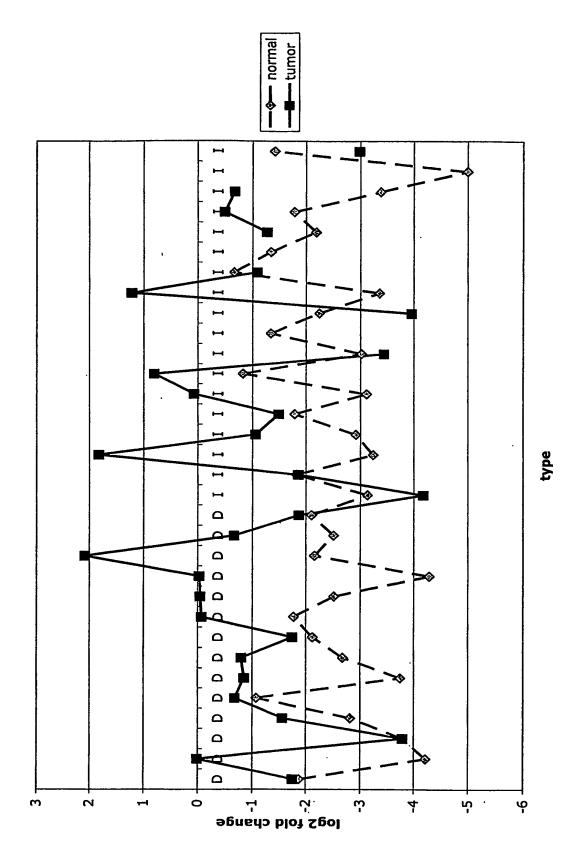
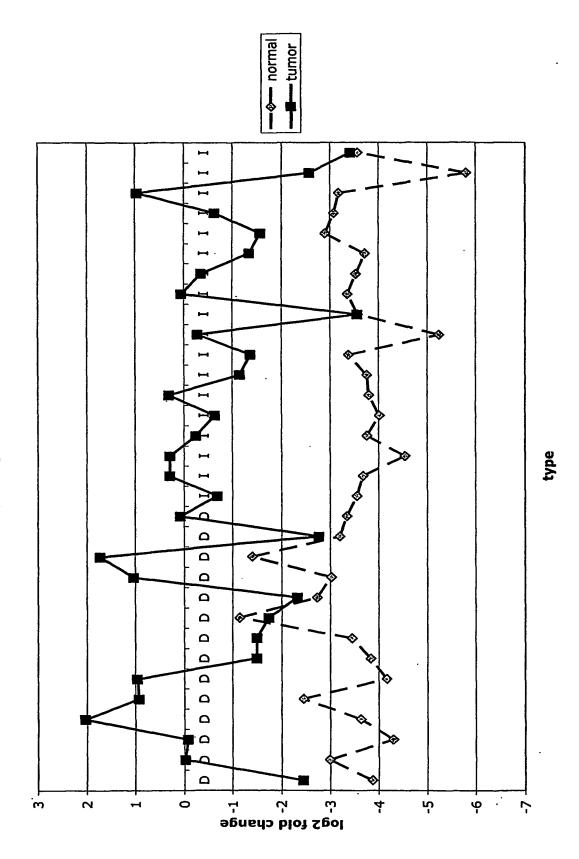
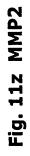
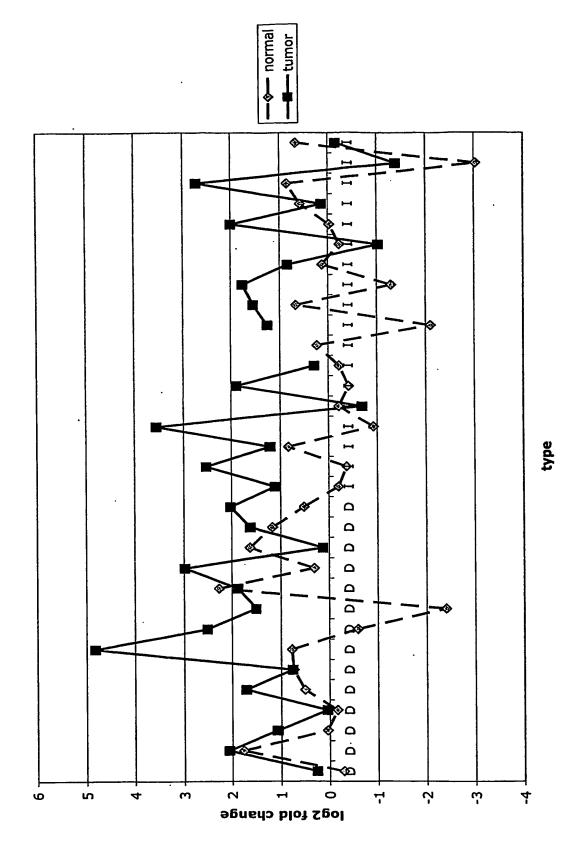


Fig. 11y SERPINH1







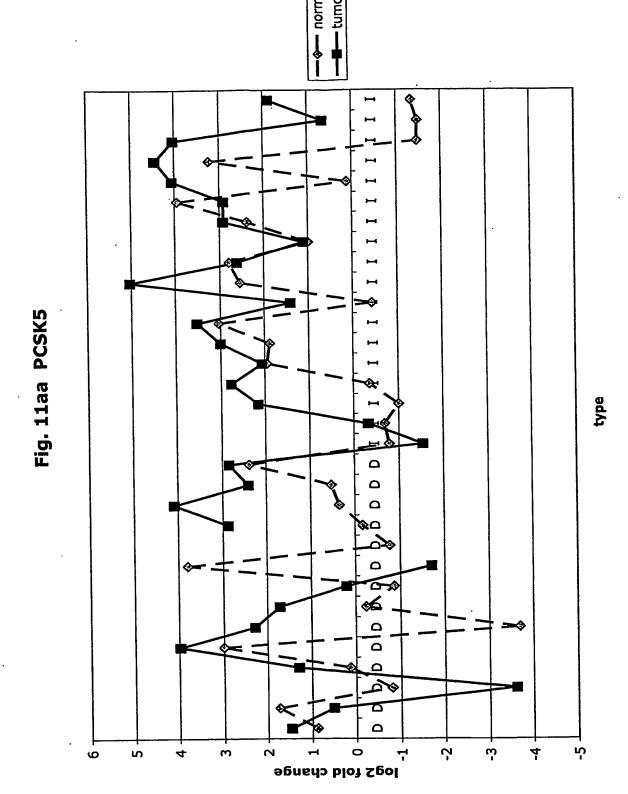


Fig. 11ab SERPINB5 Ω Ω Ω ņ ထု

log2 fold change

Fig. 11ac TGFB1

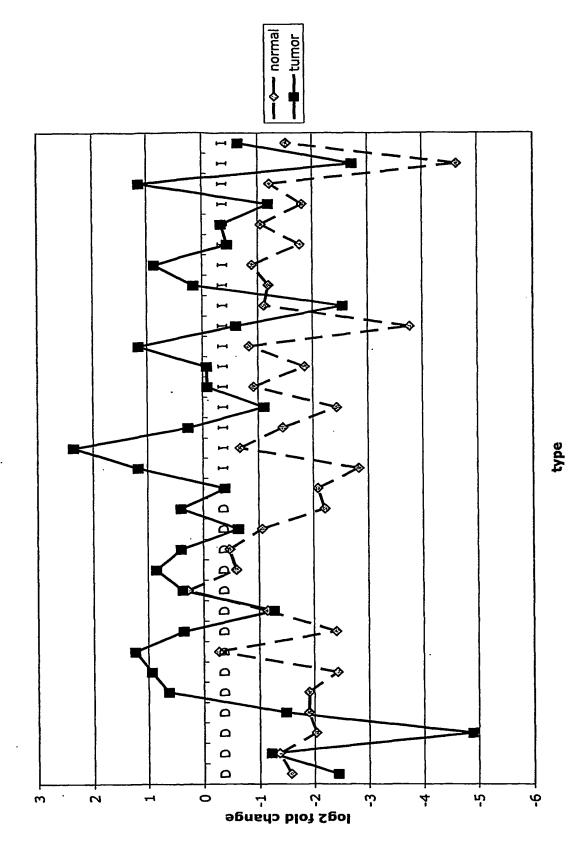
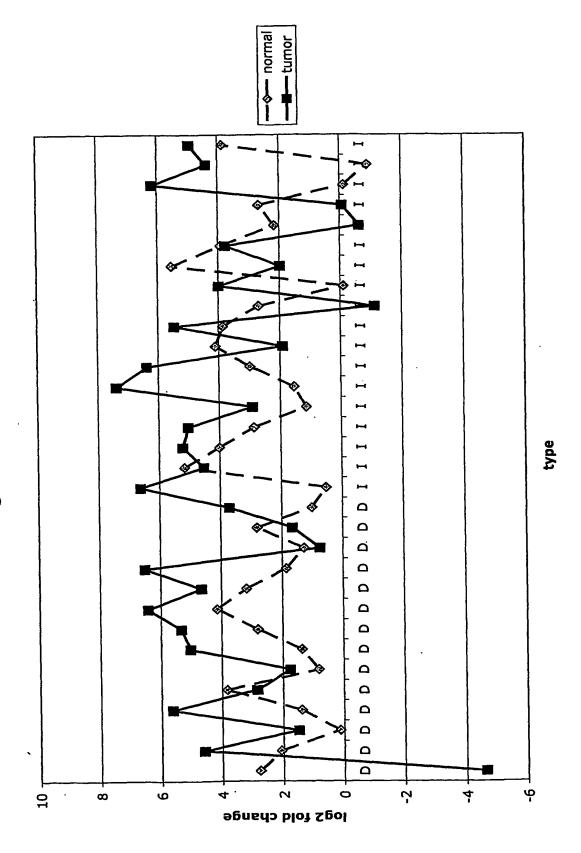
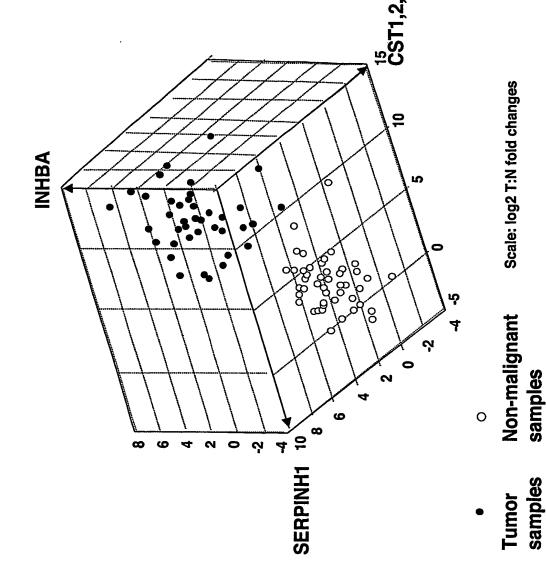


Fig. 11ad CEACAM5



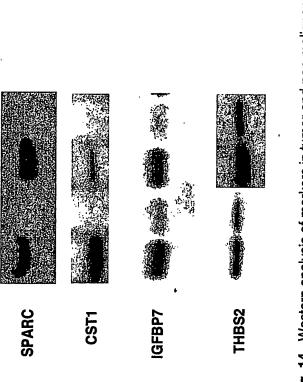
The separation of gastric tumor samples from non-malignant samples using three markers Fig. 12



samples

Number of markers in	Total possible	Number of sensitivity	Number of tests with sensitivity	#	Proportion sensitivity	Proportion of tests with sensitivity	with
test	tests						
		%06=<	>=65%	%66=<	%06 = <	>=65%	%66=<
1	29	2	1	0	%6.9	3.4%	%
2	406	33	27	1		%2.9	0.2%
3	3654	961	457	20	21.8%	12.5%	1.4%

 ${
m Fig.}\ 13.$ The effect of multiple markers on the ability to accurately discriminate between tumor tissue and non-malignant tissue.



Z

Fig. 14. Western analysis of markers in tumor and non-malignant tissue

marker tumor serum

Fig. 15. Western analysis of SPARC in gastric tumor material and serum.

Media AGS
alone supernatant

Fig. 16. Immunodetection of cystatin SN in the supernatant of the gastric cancer cell line, AGS.